FRIENDS'

ALMANAC

FOR THE YEAR

1862:

BEING THE SECOND AFTER BISSEXTILE OR LEAP YEAR

CONTAINING

The Rising, Setting, Southing, Places and Eclipses of the Sun and Moon; the Phases and Age of the Moon; the Rising, Setting, and Southing of the most conspicuous Planets and fixed Stars; Equation of time; the Sun's Declination;

Planets' Places in right Ascension and Declination; the Time of High Water at Philadelphia, &c.

Also an account of the times and places of holding the Meetings of Friends on the Continent of America.

Astronomical Calculations for the 40th degree of N. Latitude, and adapted to the Meridians of

New York, Philadelphia, Baltimore, and Cincinnati.

BY JOSEPH FOULKE, M. D.,

OF PENNSYLVANIA.

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TO BE CONTINUED ANNUALLY.

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PHILADELPHIA.

A little wrong done to another, is a great wrong done to ourselves.

SIR WALTER SCOTT.

The following incident was related by Sir Walter Scott to an intimate friend:

There was a boy in his class at school, who always stood at the top, nor could the utmost efforts of young Scott displace him. At length he observed, when a question was asked this boy, he always fumbled with his fingers at a particular button on the lower part of his waistcoat; and the removal of this was, therefore, determined. The plot was executed, and succeeded too well. When the boy was again questioned, his fingers sought again for the butto[illegible]ut it could not be found. In his distress he looked do[illegible] for it, but it was not to be seen. He stood confounded, and Scott took possession of his place, which he never recovered. The wrong thus done, was, however, attended, as it always must be, with pain. "Often," said Scott, "in after life, the sight of him smote me." Heartily did he wish that this unkind act had never been done.

Let it constantly be remembered, that we are not left to act as we please;—the rule is of the highest authority: "Whatsoever ye would that men should do to you, do ye even so to them."

NOTES TO THE READER.

I. The astronomical calculations in this work, are made to true clock time, the same as in the United States Almanac, the North American Almanac and other standard works. The effects of Refraction, according to the latest improved Tables of Bessel, and the Equation of Time, have both been applied to the times of the Sun's rising and setting: so that the Sun, the Almanac, and a good Clock, will agree the year round.

II. A Time-piece may be set very nearly true by the rising, setting, or southing of the Sun, Moon or Stars,—but more accurately by the Sun, (or the southing of the Sun, or a fixed Star) any where on or near the 40th degree of north latitude.

III. The time of the rising, setting, or southing of a fixed Star, may be carried several days forward by subtracting, or backward by adding 4 minutes per day.

IV. The common day of 24 hours, begins at midnight, and morning (marked morn.) continues from midnight till noon; and afternoon (marked aft.) continues from noon till midnight; this should be remembered carefully when looking for the times of the rising, setting, or southing of the Moon or Stars soon after midnight.

V. Under Moon's Phases; Full Moon on the 14th of Second Month, and Last Quarter on the 18th of Seventh Month, marked morn, will be in the aft. at New York and Philadelphia; and Full Moon on the 15th of Third Month, and New Moon on the 20th of Twelfth Month, marked aft., will occur on the mornings of the 16th and 21st at New York and Philadelphia, all at the times respectively stated under those headings.

Explanations of Astronomical Characters.

THE PLANETS AND THEIR RELATIONS.

☉ or ☹ the Sun	♀ Venus	♃ Jupiter
☽ the Moon	⊕ the Earth	♄ Saturn
☿ Mercury	♂ Mars	♅ Uranus

☊ A Planet's ascending node.
☋ The descending node.
☌ Conjunction, or Planets situated in the same longitude.
□ Quadrature, or Planets situated in longitude differing three signs from each other.
☍ Opposition, or Planets situated in opposite longitudes, or differing six signs from each other.

N. North	Inf. Inferior	Im. Immersion
S. South	Sup. Superior	Em. Emersion

Signs of the Zodiac.

1st	♈ Aries	(0+ ..)	7th	♎ Libra	(6+ ..)
2d	♉ Taurus	1	8th	♏ Scorpio	7
3d	♊ Gemini	2	9th	♐ Sagittarius	8
4th	♋ Cancer	3	10th	♑ Capricornus	9
5th	♌ Leo	4	11th	♒ Aquarius	10
6th	♍ Virgo	5	12th	♓ Pisces	11

SEASONS.

Sun enters ♈ Third Month 20, at 3h. 44m. P. M.; when Spring commences, and the days and nights are equal.

Sun enters ♋ Sixth Month 21, at 0h. 19m. P. M.; when Summer commences, and the longest day occurs.

Sun enters ♎ Ninth Month 23, at 2h. 27m. A. M.; when Autumn commences, and the days and nights are again equal.

Sun enters ♑ Twelfth Month 21, at 8h. 19m. P. M.; when Winter commences, and the shortest day occurs.

EPOCHS OF 1861.

Dominical Letter E,	Julian Period 6575
Lunar Cycle 1,	Solar Cycle 23

Roman Indiction 5

ECLIPSES.

In the year 1862 there will be three Eclipses of the Sun, and two of the Moon.

I. A total Eclipse of the Moon, on the Evening of the 11th and Morning of the 12th of Sixth Month; visible as follows:

	Beginning.		Begin'ng of Total Dark.		Middle.		End of Total Darkness.		End.	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
Boston, . .	11	58	1	6	1	37	2	8	3	16
New York, .	11	46	0	54	1	25	1	56	3	4
Philadelphia,	11	41	0	49	1	20	1	51	2	59
Baltimore, .	11	35	0	43	1	14	1	45	2	53
Charleston, .	11	23	0	31	1	2	1	33	2	41
St. Louis, .	10	41	11	49	0	20	0	51	1	59

Digits Eclipsed 14.328 from the southern side of the Earth's Shadow.

II. A partial Eclipse of the Sun on the 26th of Sixth Month invisible; visible in Australia, Great Southern Ocean, and Cape of Good Hope.

III. A partial Eclipse of the Sun, on the 21st of Eleventh Month invisible; this Eclipse is only visible in a small portion of the Great Southern Ocean above the parallel of 60°.

IV. A Total Eclipse of the Moon on the 6th of Twelfth Month, in the Morning, (the Eclipse begins at St. Louis on the Evening of the 5th,) visible as follows:

	Beginning.		Begin'ng of Total Dark.		Middle.		End of Total Darkness.		End.	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
Boston, . .	1	2	2	11	2	56	3	42	5	51
New York, .	0	50	1	59	2	44	3	30	4	39
Philadelphia,	0	45	1	54	2	39	3	25	4	34
Baltimore, .	0	39	1	48	2	33	3	19	4	28
Charleston, .	0	27	1	36	2	21	3	7	4	16
St. Louis, .	11	45	0	54	1	39	2	25	3	34

Digits Eclipsed 16.908 from the Southern side of the Earth's Shadow.

V. A partial Eclipse of the Sun on the 20th of Twelfth Month, invisible; this Eclipse will be visible over a great portion of Asia.

VENUS.

Venus will be Evening Star until the 25th of Second Month, then Morning Star until the 14th of Twelfth Month, then Evening Star the remainder of the year. It will be brightest on the 21st of First Month, visible in the west; and on the 2d of Fourth Month, visible in the East, in the morning.

MERCURY.

Mercury will be brightest about the 8th of Second Month, 3d of Sixth Month, and 30th of Ninth Month, at which times it will be likely to be visible, being then in the west, immediately after sunset. It will again be brightest about the 29th of Third Month, 27th of Seventh Month, and 15th of Eleventh Month, when it will be in the east just before sunrise.

COMETS.

Prepared for Friend's Almanac of 1862.

The recent appearance of a brilliant comet, which has burst suddenly into view about the beginning of Seventh month, 1861, has awakened a good deal of inquiry, and on the part of some, of alarm. When I first saw it, it was near the constellation of Ursa Major, (the Great Bear,) and on Sixth day evening, the 5th inst., it was in a range with the two stars, called the Pointers, and the Pole. It appears receding rapidly, running (as a late writer observes) tail foremost into obscurity. This comet is situated so near the North pole that it is what is called circumpolar, (that is, it does not set during the whole twenty-four hours.) The appearance is remarkable soon after midnight. The comet is then seen directly below the North star, with its tail streaming up to the pole and beyond it, and the stars are distinctly visible through the tail.

There has been various conjectures in relation to comets, most of which, from time, experience and from science, have proved fallacious. They have been considered omens of war and of public disaster. Even some astronomers (so called) have concluded that in the course of their revolutions they would come in contact with the Earth in its orbit, throw the ocean out of its bed, and make a general crush of worlds. But all the fears have subsided and given way to the research of science, and the laws of universal gravitation. Laplace has proved conclusively that these laws forbid collision among any of the planets or heavenly bodies. Comets formerly were considered solid, opaque bodies, like the planets, but latterly they have been deemed mainly to consist of masses of vaporous matter.

Among the various opinions in relation to comets, and the probable object and intentions of them, I will offer those of a certain Walter Folger of Nantucket. He was a natural genius, self-taught, and by steady perseverance attained, without school education, to eminence in the scientific and mechanic arts. He showed me a clock he had made when he was a young man, showing the hours, minutes and seconds of time, the day of the month, the day of the week, the month and the year, the moon's phases, and various phenomena of

the sun and moon. It was the most remarkable clock I ever saw. He made also an almanac for one year. And wishing to do everything that could be done, he made a large telescope; I assisted him in carrying it out to take a view of the moon in the west. He mounted it on a large, firm stand of his own making. The lens of this instrument he cast and polished himself. It gave as complete and perfect a vision as I ever saw in other large telescopes. He also showed me a set of tables (in manuscript) of his own construction to calculate the revolutions of a comet that was expected to cross the earth's orbit, about the time it would be likely to meet the earth in its annual revolution. These tables were a work of great labor, he had devoted one winter in their calculation and construction. And he said when the comet actually approached the nearest to the earth, (according to his calculations) it was scarcely visible except by the aid of a telescope of the highest magnifying power.

But to return, I can only give his opinion of comets as I understood him, and that from an imperfect memory. He considered comets as other astronomers of the present day, to consist of masses of vaporous substance, and when in near proximity to a planet to be drawn out of its regular orbit by the power of gravity, and he conceived that the earth and other planets requiring an atmosphere, is supplied from time to time from comets, (the whole or a part) being drawn into them, imparting a portion of their vaporous substances into the atmosphere as it may need replenishing. He said he was the more induced to entertain this opinion from the fact that he considered the atmosphere of our earth more dense than in the days of Isaac Newton, who carefully measured its density at 33′ on the sun and other heavenly bodies in the horizon, while Bessel and others make it 36′ at the present time, making the density one-eleventh more in the present day than it was two centuries ago.

I listened with attention to this remarkable genius, taking with some grains of allowance, his remarks in relation to his clock, to his telescope, and other matters. He, however, was certainly a man of great research and untiring patience and perseverance. Some Friend had given him a Friend's Almanac for the then coming year 1834, in which it was stated that a comet might be expected to appear the latter part of the year; this was Halley's comet, and the probabilities of its

appearance was founded on a rough estimate made on its previous appearances in 1680 and 1759. But Walter called up the subject, and said promptly, that it would not appear until November, 1835, giving day and date. He then took down a French work, and read off in English the calculations of Pontecoulant, (I think that was the name,) a distinguished French astronomer, giving the number of days in its revolution from 1759. I was in Ohio when the comet actually made its appearance. It agreed with Pontecoulant's prediction and calculation within two days of his laborious reckonings.

This fact is considered to settle the question, that comets like the planets have regular revolutions round the sun and are subject to the same laws of gravitation. Their orbits are very eliptical, and some are found to move in parabolic and others in hyperbolic curves. In the latter case the comet runs out into infinite space and never returns. (If it is possible for a body to move in such an orbit.) Isaac Newton, however, considers their orbits very eliptical.

Gummere, in his Astronomy, mentions but three comets whose orbits have been determined with any degree of accuracy and certainty; one of these was that called Halley's comet, just meutioned, which, after an absence of seventy-six years, returned in the Eleventh month, 1835, within less than two days of the time predicted by the French astronomer.

Dr. Halley, about the beginning of the last century, having observed himself the great comet of 1680, and comparing its clements with other comets that had previously appeared, at periods of seventy-five and seveuty-six years, was led to the conclusion that instead of several comets, it was probably the same that had previously appeared at those intervals.

The opinions of the ancients were various in relation to comets, and full of superstition. It is amusing to consider the notions entertained, when play to the imaginations is given, on subjects not understood, and no means to determine the facts by occular demonstration. But the idea of Walter Folger is pleasing, when we consider the invaluable worth of the "breath of life," the atmosphere, a fresh supply of this, from time to time, furnished to us from comets, is much more desirable than that the earth should be burned up, or that there should be crushing and jarring in creation.

MOON'S PHASES.

	N. York			*Philada.*			*Baltimore*			*Cincinnati.*			
	D.	H.	M.	D.	H.	M.	D.	H.	M.	D.	H.	M.	
☽ First Quar.	7	5	51	7	5	46	7	5	40	7	5	9	aft.
○ Full Moon.	15	8	59	15	8	54	15	8	48	15	8	17	aft.
☾ Last Quar.	23	1	41	23	1	36	23	1	30	23	0	59	mor.
● New Moon.	29	9	54	29	9	49	29	9	43	29	9	12	aft.

M D	W D	*Miscellanies.*	Sun rises	Sun sets	Sun's dec. s.	Sun south. H.	M.	S.
1	4	Sirius rises 6 51 ♋	7 24	4 44	23° 0′	12	3	58
2	5	Aldebaran south 9 38 S	7 24	4 44	22 54	12	4	26
3	6	♄ stationary	7 24	4 45	22 48	12	4	54
4	7	☿ ☌ ☾	7 24	4 46	22 42	12	5	21
5	E	Regulus rises 8 20	7 23	4 47	22 35	12	5	48
6	2	☿ in ♌	7 23	4 48	22 28	12	6	15
7	3	Galileo d. 1642	7 23	4 49	22 21	12	6	41
8	4	Day-break 5 45	7 23	4 50	22 13	12	7	6
9	5	Ell. and Yard so. 10 10	7 23	4 51	22 4	12	7	31
10	6	☽ in Apogee	7 23	4 52	21 55	12	7	55
11	7	Dr. Dwight d. 1817.	7 23	4 53	21 46	12	8	19
12	E	☿ in Sup. ☌ ☉	7 23	4 54	21 36	12	8	42
13	2	Rigel south 9 34 40	7 22	4 55	21 26	12	9	5
14	3	Days length 9 38 ♑	7 22	4 56	21 16	12	9	27
15	4	Capella so. 9 25 21	7 22	4 57	21 5	12	9	48
16	5	Twilight ends 6 35	7 22	4 58	20 53	12	10	9
17	6	Dr. Franklin b. 1706	7 21	4 59	20 42	12	10	28
18	7	Ed. Stabler d. 1831	7 21	5 0	20 29	12	10	47
19	E	☿ grt. Hel. Lat. s.	7 20	5 1	20 17	12	11	6
20	2	♄ ☌ ☾ ♃ ☌ ☾ [liancy	7 20	5 3	20 4	12	11	24
21	3	*Western Q. M.* ♀ grt. bril-	7 19	5 4	19 51	12	11	40
22	4	Aldebaran south 8 19 26	7 18	5 5	19 37	12	11	57
23	5	*Caln Q. M.*	7 18	5 6	19 23	12	12	12
24	6	Days increase 34	7 17	5 7	19 9	12	12	26
25	7	♁ ☌ ☾	7 16	5 8	18 54	12	12	40
26	E	☽ in Perigee	7 16	5 10	18 39	12	12	54
27	2	Rigel south 8 39 36 ♋	7 15	5 11	18 23	12	13	6
28	3	Concord Q. M.	7 14	5 12	18 8	12	13	17
29	4	Sirius so. 10 2 39	7 14	5 13	17 51	12	13	28
30	5	Charles I. beheaded 1643.	7 13	5 15	17 35	12	13	38
31	6	☿ ☌ ☾	7 12	5 16	17 18	12	13	47

Planets' Places in Right Ascension and Declination.

	M D	R. A. H.	M.	Declin. °	′		P. M. H.	M.	M D	R. A. H.	M.	Declin. °	′		P. M. H.	M.
♀ Venus	1	21	58	13	4	S.	3	15	17	22	40	6	36	S	2	54
♂ Mars	5	15	49	19	42	S.	20	49	21	16	35	21	49	S	20	31
♃ Jupiter	9	11	53	2	14	N.	16	35	25	11	52	2	25	N	15	31
♄ Saturn	13	11	36	4	56	N.	16	3	29	11	34	5	13	N	14	58

M D	☽ Pl.	☽ Age	Moon sets.		Moon south.		H.W. Phila.	
1	23	1	6	18	1	9	2	57
2	♒	2	7	29	2	3	3	51
3	24	3	8	37	2	53	4	41
4	♓	4	9	41	3	38	5	26
5	20	5	10	43	4	22	6	10
6	♈	6	11	43	5	5	6	53
7	15	7	morn.		5	48	7	36
8	27	8	0	43	6	31	8	19
9	♉	9	1	43	7	16	9	4
10	20	10	2	42	8	3	9	51
11	♊	11	3	41	8	52	10	40
12	14	12	4	36	9	43	11	31
13	26	13	5	28	10	34	12	22
14	♋	14	6	15	11	25	1	12
15	21	15	rises.		morn.		1	50
16	♌	16	5	56	0	15	2	27
17	17	17	7	3	1	4	3	16
18	♍	18	8	8	1	52	4	4
19	13	19	9	15	2	39	4	51
20	27	20	10	23	3	26	5	38
21	♎	21	11	33	4	14	6	26
22	25	22	morn.		5	4	7	16
23	♏	23	0	44	5	57	8	9
24	23	24	1	56	6	53	9	5
25	♐	25	3	7	7	53	10	5
26	21	26	4	11	8	54	11	6
27	♑	27	5	6	9	54	12	6
28	20	28	5	58	10	54	1	6
29	♒	29	6	39	11	49	2	1
30	18	0	sets.		aft.	40	2	40
31	♓	1	7	23	1	29	3	17

[The following essay, written by a lad just entered upon his "teens," as a specimen of school exercise in composition, is so expressive of the pure emotions of the heart, and its strong attachments, that it is believed a place for it in this work will be acceptable.]

The three things nearest the Human Heart, are Mother, Home, and Heaven.

Whether in the poet or the sage, the millionaire or the plebeian, the adult or the child, there is not a heart so callous but that can be reached by one of these three influences.

When Time has scattered his snow flakes thickly o'er the locks of age, and the bending form attests the weight of years, in looking through the past, over the broad wastes of memory, there will be, perhaps, no brighter, purer spot than

MOON'S PHASES.

	N. York.			*Philada.*			*Baltimore*			*Cincinnati.*		
	D.	H.	M.	D.	H.	M.	D.	H.	M.	D	H.	M.
☽ First Quar.	6	3	15	6	3	10	6	3	4	6	2	33 aft.
○ Full Moon.	14	0	10	14	0	5	14	11	59	14	11	28 mor.
☾ Last Quar.	21	9	21	21	9	16	21	9	10	21	8	39 mor.
● New Moon.	28	11	53	28	11	48	28	11	42	28	11	11 mor.

M D	W D	*Miscellanies.*	Sun rises		Sun sets.		Sun's dec. s.	Sun south		
								H.	M.	S.
1	7	Reapp. of Saturn's Ring	7	11	5	17	17° 1′	12	13	55
2	E	♀ stationary	7	10	5	18	16 44	12	14	2
3	2	Aldebaran so. 7 32 18	7	9	5	19	16 26	12	14	9
4	3	*Philadelphia Q. M.*	7	8	5	21	16 8	12	14	14
5	4	♄ in ♉	7	7	5	22	15 50	12	14	19
6	5	*Abington Q. M.*	7	6	5	23	15 32	12	14	23
7	6	☽ in Apogee.	7	4	5	25	15 13	12	14	26
8	7	♅ ☌ ☾	7	3	5	26	14 54	12	14	29
9	E	♀ in Perihelion.	7	1	5	27	14 35	12	14	30
10	2	Sirius south 9 15 30 ♋	6	59	5	29	14 16	12	14	31
11	3	☿ grt. elong. east	6	58	5	30	13 56	12	14	31
12	4	☿ in Perihelion.	6	56	5	31	13 36	12	14	30
13	5	Twilight ends 7 3	6	55	5	32	13 16	12	14	29
14	6	St. Valentine's day	6	54	5	33	12 55	12	14	26
15	7	♅ stationary	6	53	5	34	12 35	12	14	23
16	E	♄ ☌ ☾	6	52	5	35	12 14	12	14	20
17	2	♃ ☌ ☾	6	50	5	36	11 53	12	14	15
18	3	Rigel so. 7 13 10	6	49	5	37	11 32	12	14	10
19	4	☽ in Perigee	6	48	5	39	11 11	12	14	4
20	5	Days increase 1 33	6	46	5	40	10 49	12	13	58
21	6	Castor so 9 18 25	6	44	5	41	10 28	12	13	51
22	7	☿ grt. Hel. Lat. north.	6	43	5	42	10 6	12	13	43
23	E	♄ ☌ ☾ ♋	6	41	5	43	9 44	12	13	35
24	2	R. Fulton d. 1815	6	40	5	44	9 22	12	13	26
25	3	*Burlington Q. M.*	6	39	5	46	8 59	12	13	16
26	4	*Southern Q. M.*	6	38	5	47	8 37	12	13	6
27	5	*Bucks Q. M.*	6	37	5	48	8 14	12	12	55
28	6	♀ ☌ ☾ ☿ ☌ ☾	6	36	5	49	7 52	12	12	44

Planets' places in Right Ascension and Declination.

	M	R. A.		Declin.			P. M.	M	R. A.		Declin.			P. M.	
	D	H.	M.	°	′		H.	M	D	H.	M.	°	′	H.	M.
♀ Venus	1	22	58	1	35	S	2	12	17	22	42	0	22	N	0	53
♂ Mars	5	17	18	23	7	S	20	16	21	18	6	23	41	S	20	1
♃ Jupiter	9	11	48	2	52	N	14	29	25	11	42	3	34	N	13	20
♄ Saturn	13	11	31	5	36	N	13	56	28	11	27	6	4	N	12	53

M D	☽ Pl.	☽ Ag.	Moon sets.		Moon south.		H.W. Phila.	
1	15	2	8	26	2	14	4	2
2	27	3	9	28	2	58	4	46
3	♈	4	10	29	3	41	5	29
4	22	5	11	31	4	25	6	13
5	♉	6	morn.		5	10	6	58
6	16	7	0	30	5	56	7	44
7	28	8	1	28	6	43	8	31
8	♊	9	2	24	7	33	9	21
9	22	10	3	17	8	24	10	12
10	♋	11	4	6	9	15	11	3
11	16	12	4	50	10	5	11	53
12	29	13	5	27	10	55	12	43
13	♌	14	6	2	11	45	1	33
14	25	15	rises.		morn.		2	9
15	♍	16	7	2	0	33	2	45
16	23	17	8	11	1	21	3	33
17	♎	18	9	23	2	10	4	22
18	21	19	10	34	3	1	5	13
19	♏	20	11	46	3	53	6	5
20	20	21	morn.		4	49	7	1
21	♐	22	0	58	5	47	7	59
22	18	23	2	3	6	47	8	59
23	♑	24	3	2	7	47	9	59
24	16	25	3	54	8	45	10	57
25	♒	26	4	36	9	40	11	52
26	13	27	5	12	10	31	12	43
27	27	28	5	43	11	20	1	32
28	♓	29	sets.		Aft. 6		2	6

when a Mother's hand caressed us. When we launched forth our frail skiff upon the yet untried billows of life, to battle every besetting ill, and bear the trials and vicissitudes to which the human form is subject, we carry with us, amid our hopes and fears, an affection for her which only maternal solicitude could implant, and which "Time's all-devastating flight" may vainly attempt to efface. That silent yet potent influence of mutual regard still works on unceasingly, binding the hearts of mother and child with tendrils which distance fails to effect, and which brings out the same glorious results among every "nation, kindred, tongue and people." Obdurate indeed would be the heart that did not reciprocate a Mother's

MOON'S PHASES.

	N. York.			*Philada.*			*Baltimore*			*Cincinnati.*		
	D.	H.	M	D.	H.	M.	D.	H.	M.	D.	H.	M.
☽ First Quar.	8	0	25	8	0	20	8	0	14	8	11	43 mor.
○ Full Moon.	16	0	21	16	0	16	16	0	10	15	11	39 aft.
☾ Last Quar.	22	4	53	22	4	48	22	4	42	22	4	11 aft.
● New Moon.	30	2	49	30	2	44	30	2	38	30	2	7 mor.

M D	W D	*Miscellanies.*		Sun rises	Sun sets.	Sun's dec. s.	Sun south H.	M.	S.
1	7	Sirius south 8 0 47	☽	6 34	5 51	7°29′	12	12	32
2	E	John Wesley d. 1791		6 32	5 52	7 6	12	12	20
3	2	♀ grt. Hel. Lat. N.		6 31	5 53	6 43	12	12	8
4	3	Rigel south 6 18 9		6 30	5 54	6 20	12	11	54
5	4	Madison b. 1757		6 28	5 55	5 57	12	11	40
6	5	*Salem Q. M.*		6 27	5 56	5 34	12	11	27
7	6	☽ in Apogee		6 26	5 57	5 10	12	11	12
8	7	☿ ☌ ☾		6 25	5 58	4 47	12	10	57
9	E	Procyon south 8 22 12	☊	6 24	5 59	4 24	12	10	42
10	2	♄ ☌ ☉		6 22	6 0	4 0	12	10	26
11	3	☿ stationary.		6 20	6 1	3 37	12	10	10
12	4	Pollux so. 8 15 11		6 18	6 2	3 13	12	9	54
13	5	*Haddonfield Q. M.*		6 16	6 3	2 49	12	9	37
14	6	Sirius south 7 9 54		6 15	6 4	2 26	12	9	20
15	7	♄ ☌ ☾		6 13	6 5	2 2	12	9	3
16	E	♃ ☌ ☾		6 11	6 6	1 38	12	8	46
17	2	♀ stationary		6 10	6 7	1 15	12	8	28
18	3	☽ in Perigee		6 8	6 8	0 51	12	8	10
19	4	Daybreak 4 36		6 7	6 9	0 27	12	7	52
20	5	☉ ent. ♈ Spring com.		6 5	6 10	S 4	12	7	34
21	6	Days and nights equal		6 3	6 12	N 20	12	7	16
22	7	Rigel sets 10 40		6 1	6 13	0 44	12	6	58
23	E	Twilight ends 7 46	☽	6 0	6 14	1 7	12	6	39
24	2	♁ ☌ ☾		5 58	6 15	1 31	12	6	21
25	3	☿ grt elong W.		5 56	6 16	1 55	12	6	3
26	4	Pollux so. 7 20		5 55	6 17	2 18	12	5	44
27	5	♀ ☌ ☾		5 53	6 18	2 42	12	5	26
28	6	☿ ☌ ☾		5 51	6 19	3 5	12	5	7
29	7	☿ in Aphelion.		5 50	6 20	3 28	12	4	49
30	E	Regulus so. 9 28 12		5 48	6 21	3 52	12	4	31
31	2	Days length 12 35		5 47	6 22	4 15	12	4	12

Planets' places in Right Ascension and Declination.

	M D	R. A. H.	R. A. M.	Declin. °	Declin. ′		P. M. H.	P. M. M	M D	R. A. H.	R. A. M.	Declin. °	Declin. ′		P. M. H.	P. M. M
♀ Venus	1	22	15	1	27	S	23	33	17	21	56	5	19	S	22	14
♂ Mars	5	18	42	23	33	S	19	49	21	19	22	22	36	S	19	34
♃ Jupiter	9	11	37	4	11	N	12	27	25	11	29	4	59	N	11	17
♄ Saturn	13	11	23	6	28	N	11	58	29	11	19	6	57	N	10	51

M D.	☽ in	☽ Age	Moon sets.		Moon south.		H.W. Phila.	
1	23	1	7	13	0	51	2	39
2	♈	2	8	14	1	34	3	22
3	18	3	9	15	2	18	4	6
4	♉	4	10	16	3	3	4	51
5	12	5	11	16	3	49	5	37
6	24	6	morn.		4	36	6	24
7	♊	7	0	13	5	24	7	12
8	18	8	1	6	6	14	8	2
9	♋	9	1	56	7	4	8	52
10	12	10	2	41	7	54	9	42
11	24	11	3	21	8	44	10	32
12	♌	12	3	57	9	33	11	21
13	20	13	4	30	10	22	12	10
14	♍	14	5	0	11	11	12	59
15	18	15	rises.		morn.		1	36
16	♎	16	7	5	0	1	2	13
17	16	17	8	18	0	52	3	4
18	♏	18	9	32	1	46	3	58
19	16	19	10	46	2	42	4	54
20	♐	20	11	54	3	41	5	53
21	15	21	morn.		4	41	6	53
22	29	22	0	56	5	41	7	53
23	♑	23	1	51	6	41	8	53
24	26	24	2	36	7	36	9	48
25	♒	25	3	12	8	27	10	39
26	23	26	3	45	9	16	11	28
27	♓	27	4	13	10	2	12	14
28	19	28	4	39	10	46	12	58
29	♈	29	5	6	11	30	1	42
30	14	0	sets.		aft.	13	2	13
31	26	1	8	4	0	58	2	46

love, and cherish her memory among the holiest mementoes of its being.

Those that are prone to reflection, and that love to muse in silent reverie o'er the wreck of matter which surrounds the "insatiate tomb-builder," will picture to themselves, among the foremost scenes, the pale, solicitous features of her to whom the heart bows down with a reverence which the Deity alone can supersede. Although the earthly tenement has long since been laid in the peaceful churchyard, and her spirit has gone from "works to rewards," yet there is left behind a spell which bids us shun the vile, and which has recalled many an erring, wandering heart to the paths of honor and integrity.

Associated and blended with the recollections of maternal love is a remembrance of Home. The cherished aims

MOON'S PHASES.

	N York.			*Philada.*			*Baltimore*			*Cincinnati.*			
	D.	H.	M.	D.	H.	M	D.	H.	M.	D.	H.	M.	
☽ First Quar.	7	7	17	7	7	12	7	7	6	7	6	35	mor.
○ Full Moon.	14	10	2	14	9	57	14	9	51	14	9	20	mor.
☾ Last Quar.	21	1	7	21	1	2	21	0	56	21	0	25	mor.
● New Moon.	28	6	31	28	6	26	28	6	20	28	5	49	aft.

M D	W D	*Miscellanies.*	Sun rises.	Sun sets.	Sun's dec. N	Sun south H.	M.	S.
1	3	Ovid b. B. C. 43 ♋	5 45	6 23	4°38′	12	3	54
2	4	♀ at grt. brilliancy	5 44	6 24	5 1	12	3	36
3	5	☽ in Apogee	5 42	6 25	5 24	12	3	18
4	6	☿ ☌ ☾	5 41	6 26	5 47	12	3	1
5	7	Alioth in Merid. 11 50	5 40	6 27	6 10	12	2	43
6	E	Day break 4 3 ♌	5 38	6 28	6 33	12	2	25
7	2	Regulus so. 8 56 44	5 36	6 29	6 55	12	2	8
8	3	Rittenhouse b. 1732	5 34	6 30	7 18	12	1	51
9	4	Joseph Hume b. 1777	5 33	6 31	7 40	12	1	34
10	5	Rigel sets 9 20	5 31	6 32	8 2	12	1	18
11	6	Bonaparte abdicated 1814.	5 30	6 33	8 24	12	1	1
12	7	♄ ☌ ☾ ♃ ☌ ☾	5 28	6 34	8 46	12	0	45
13	E	Sirius sets 10 15	5 26	6 35	9 8	12	0	29
14	2	Days length 13 12	5 24	6 36	9 30	12	0	14
15	3	☽ in perigee	5 22	6 37	9 51	12	0	0
16	4	Twilight ends 8 15	5 21	6 38	10 12	11	59	44
17	5	☿ grt. Hel. Lat. S.	5 19	6 39	10 33	11	59	30
18	6	Days increase 4 h. 1 m.	5 18	6 40	10 54	11	59	16
19	7	Bat. Lexington 1775 ♋	5 17	6 41	11 15	11	59	3
20	E	Easter.	5 16	6 42	11 36	11	58	49
21	2	♁ ☌ ☾	5 14	6 43	11 56	11	58	37
22	3	*Western Q. M.*	5 13	6 44	12 16	11	58	24
23	4	Regulus so. 7 53 54	5 12	6 45	12 36	11	58	13
24	5	*Caln Q. M.*	5 10	6 46	12 56	11	58	1
25	6	♀ ☌ ☾	5 9	6 47	13 16	11	57	51
26	7	Alioth in Merid. 10 27	5 7	6 48	13 35	11	57	40
27	E	Monroe b. 1758	5 6	6 49	13 54	11	57	31
28	2	♀ in ♍ ☿ ☌ ☾	5 5	6 50	14 13	11	57	21
29	3	*Concord Q. M*	5 4	6 51	14 32	11	57	13
30	4	☽ in Apogee	5 2	6 52	14 51	11	57	5

Planets' places in Right Ascension and Declination.

	M D	R. A. H.	M.	Declin. °	′		P. M. H.	M.	M D	R. A. H.	M.	Declin. °	′		P. M. H.	M.
♀ Venus	1	22	13	6	50	S	21	33	17	22	55	5	30	S	21	13
♂ Mars	5	20	13	20	59	S	19	18	21	20	59	18	36	S	19	1
♃ Jupiter	9	11	23	5	38	N	10	11	25	11	18	6	5	N	9	4
♄ Saturn	13	11	15	7	19	N	9	48	29	11	13	7	34	N	8	42

M D	☽ Pl.	☽ Age	Moon sets.		Moon south.		H. W. Phila.	
1	♉	2	9	4	1	44	3	32
2	20	3	10	3	2	30	4	18
3	♊	4	10	58	3	18	5	6
4	14	5	11	49	4	7	5	55
5	26	6	morn.		4	56	6	44
6	♋	7	0	34	5	46	7	34
7	20	8	1	17	6	35	8	23
8	♌	9	1	53	7	23	9	11
9	15	10	2	27	8	11	9	59
10	28	11	2	57	8	58	10	46
11	♍	12	3	26	9	47	11	35
12	26	13	3	55	10	38	12	26
13	♎	14	4	26	11	31	1	19
14	25	15	rises.		morn.		1	59
15	♏	16	8	25	0	27	2	39
16	25	17	9	39	1	27	3	39
17	♐	18	10	46	2	29	4	41
18	25	19	11	44	3	32	5	44
19	♑	20	morn.		4	33	6	45
20	23	21	0	33	5	30	7	42
21	♒	22	1	13	6	24	8	36
22	20	23	1	47	7	14	9	26
23	♓	24	2	16	8	0	10	12
24	16	25	2	43	8	45	10	57
25	28	26	3	10	9	29	11	41
26	♈	27	3	35	10	11	12	23
27	23	28	4	3	10	55	1	7
28	♉	29	4	32	11	40	1	52
29	17	1	sets.		aft.	26	2	26
30	19	2	8	51	1	14	3	2

of youth first blossomed here, and in that one monosylable are centred alike, the memory of boyhood's hilarity and of riper pleasures. The schoolboy, the merchant, the orator and the man of fame, all own the potency of the spell that binds them, and hasten to its portals to escape the cares and trials of busy life, and seek a relaxation which it alone can afford. Within its sacred limits no ruthless hand disturbs the peaceful flow of merriment, and none dare ruffle that unalloyed felicity which gives a relish to the harsher scenes of life, and scatters flowers where thorny branches grew.

When the hardy seaman turns his prow towards foreign lands, and roams for months through the dreary wastes of ocean, his bosom heaves a sigh that so long a separation from

MOON'S PHASES.

	N. York.			*Philada.*			*Baltimore*			*Cincinnati.*		
	D.	H.	M.	D.	H.	M.	D.	H.	M.	D.	H.	M.
☽ First Quar.	6	10	28	6	10	23	6	10	17	6	9	46 aft.
○ Full Moon.	13	6	4	13	5	59	13	5	53	13	5	22 aft.
☾ Last Quar.	20	10	43	20	10	38	20	10	32	20	10	1 mor.
● New Moon.	28	10	30	28	10	25	28	10	19	28	9	48 mor.

M D	W D	*Miscellanies.*	Sun rises.	Sun sets.	Sun's dec. N.	Sun south H.	M.	S.
1	5	Wellington b. 1769 ♃	5 1	6 53	15° 9′	11	56	57
2	6	♅ ☌ ☾	5 0	6 54	15 27	11	56	50
3	7	Daybreak 3 15 ♌	4 58	6 55	15 44	11	56	43
4	E	Alioth in Merid. 9 56	4 57	6 56	16 2	11	56	37
5	2	Napoleon d. 1821	4 56	6 57	16 19	11	56	31
6	3	*Philadelphia Q. M.*	4 55	6 58	16 36	11	56	27
7	4	♀ grt. elong W.	4 54	6 59	16 53	11	56	22
8	5	*Abington Q. M.*	4 53	7 0	17 9	11	56	18
9	6	♄ ☌ ☾ ♃ ☌ ☾	4 52	7 1	17 25	11	56	15
10	7	Sirius sets 8 27	4 51	7 2	17 41	11	56	12
11	E	☿ in Perihelion	4 50	7 3	17 56	11	56	10
12	2	*Philadelphia Y. M.*	4 49	7 4	18 12	11	56	8
13	3	Spica so. 9 51 42	4 48	7 5	18 26	11	56	7
14	4	☽ in perigee	4 47	7 6	18 41	11	56	7
15	5	♃ stationary	4 46	7 6	18 55	11	56	7
16	6	Twilight ends 8 59 ♃	4 45	7 7	19 9	11	56	7
17	7	Jay d. 1829.	4 44	7 8	19 23	11	56	9
18	E	Disapp. of Saturn's Ring.	4 43	7 9	19 36	11	56	10
19	2	♄ stationary	4 43	7 10	19 49	11	56	13
20	3	♁ ☌ ☾	4 42	7 10	20 2	11	56	16
21	4	☿ grt. Hel. Lat. N.	4 41	7 11	20 14	11	56	19
22	5	Days length 14 h 33 m.	4 41	7 12	20 26	11	56	23
23	6	Spica so. 9 12 18	4 40	7 13	20 38	11	56	28
24	7	♀ ☌ ☾	4 39	7 14	20 49	11	56	33
25	E	Areturus so. 9 55 44	4 38	7 15	21 0	11	56	39
26	2	*New York Y. M.*	4 38	7 16	21 10	11	56	45
27	3	*Burlington Q. M.*	4 37	7 16	21 20	11	56	51
28	4	*Southern Q. M.* ☽ in ap	4 36	7 17	21 30	11	56	59
29	5	*Bucks Q. M.*	4 36	7 18	21 39	11	57	6
30	6	☿ ☌ ☾ ♌	4 35	7 19	21 48	11	57	14
31	7	♀ in Aphelion	4 35	7 20	21 57	11	57	23

Planets' places in Right Ascension and Declination.

	M D	R. A. H.	M.	Declin. °	′		P. M. H.	M.	M D	R. A. H.	M.	Declin. °	′		P. M. H.	M.
♀ Venus	1	23	42	2	21	S	21	5	17	0	41	2	42	N	21	2
♂ Mars	5	21	37	16	3	S	18	44	21	22	19	12	46	S	18	23
♃ Jupiter	9	11	16	6	15	N	8	7	25	11	17	6	8	N	7	4
♄ Saturn	13	11	12	7	38	N	7	46	29	11	12	7	34	N	6	44

M D	☽ in	☽ Age	Moon sets.	Moon south.	H. W. Phila.
1	♊	3	9 43	2 2	3 50
2	23	4	10 31	2 51	4 39
3	♋	5	11 14	3 41	5 29
4	16	6	11 51	4 29	6 17
5	28	7	morn.	5 17	7 5
6	♌	8	0 26	6 4	7 52
7	23	9	0 57	6 50	8 38
8	♍	10	1 25	7 36	9 24
9	20	11	1 52	8 24	10 12
10	♎	12	2 22	9 15	11 3
11	18	13	2 54	10 9	11 57
12	♏	14	3 29	11 7	12 55
13	18	15	rises.	morn.	1 38
14	♐	16	8 26	0 9	2 21
15	19	17	9 29	1 14	3 26
16	♑	18	10 25	2 17	4 29
17	18	19	11 8	3 19	5 31
18	♒	20	11 46	4 16	6 28
19	16	21	morn.	5 9	7 21
20	♓	22	0 19	5 58	8 10
21	13	23	0 48	6 44	8 56
22	26	24	1 14	7 28	9 40
23	♈	25	1 40	8 11	10 23
24	20	26	2 6	8 54	11 6
25	♉	27	2 34	9 38	11 50
26	14	28	3 7	10 24	12 36
27	26	29	3 41	11 10	1 22
28	☐	30	4 22	11 59	2 11
29	20	1	sets.	aft. 48	2 48
30	♋	2	9 13	1 37	3 25
31	13	3	9 53	2 26	4 14

his home lies before him, and he knows not, too, that he may ever again pass its pleasant threshold to the joys within. When the tumult of the elements rock his puny craft, and he exclaims—

"Star of Hope, high o'er the billow,
Bless the soul that sighs for thee;
Bless the sailor's lonely pillow,
Far! far! at sea;"

then it is perhaps that Home's unnumbered pleasures are portrayed most vividly before the memory, and all its holy influences throng the heart to overflowing.

Doubly cherished are the recollections Home excites, not only as the place we love, but because 'twas here our Mother lived, and here alone we knew the pleasures of the social circle.

But nearest to the heart, closer than life itself, we cher-

MOON'S PHASES.

	N. York.			*Philada.*			*Baltimore*			*Cincinnati.*		
	D.	H.	M.	D.	H.	M.	D.	H.	M.	D.	H.	M.
☽ First Quar.	5	9	47	5	9	42	5	9	36	5	9	5 mor.
○ Full Moon.	12	1	21	12	1	16	12	1	10	12	0	39 mor.
☾ Last Quar.	18	10	16	18	10	11	18	10	5	18	9	34 aft.
● New Moon.	27	1	58	27	1	53	27	1	47	27	1	16 mor.

M D	W D	*Miscellanies.*	Sun rises.	Sun sets.	Sun's dec. n.	Sun south.
			H. M.	H. M.		H. M. s.
1	E	Tennessee adm'ted 1796. ♎	4 34	7 20	22° 5′	11 57 32
2	2	Spica so. 8 33 0	4 34	7 21	22 13	11 57 41
3	3	Alioth in Merid. 7 59	4 34	7 22	22 21	11 57 51
4	4	Daybreak 2 33	4 33	7 22	22 28	11 58 1
5	5	*Salem Q. M.*	4 33	7 23	22 35	11 58 11
6	6	☌ ☍ ☾	4 33	7 24	22 41	11 58 21
7	7	♄ □ ☉	4 33	7 24	22 47	11 58 32
8	E	Jackson d. 1845	4 33	7 25	22 53	11 58 43
9	2	*Genessee Y. M.*	4 32	7 25	22 58	11 58 55
10	3	Arcturus so. 8 52 50	4 32	7 26	23 2	11 59 7
11	4	☽ in Perigee	4 32	7 26	23 7	11 59 18
12	5	*Haddonfield Q. M.*	4 32	7 27	23 11	11 59 30
13	6	Luther excom'd 1520 ♋	4 32	7 27	23 14	11 59 43
14	7	☿ in ♉	4 32	7 28	23 17	11 59 55
15	E	Spica so. 7 41 55	4 32	7 28	23 20	12 0 8
16	2	Twilight ends 9 22	4 32	7 29	23 22	12 0 20
17	3	J. Wesley b. 1703	4 32	7 29	23 24	12 0 33
18	4	♃ ☌ ☾	4 32	7 30	23 26	12 0 46
19	5	*Fishing Creek H. Y. M.*	4 32	7 30	23 26	12 0 59
20	6	☿ stationary	4 33	7 30	23 27	12 1 12
21	7	☉ ent. ♋ Sum. com.	4 33	7 30	23 27	12 1 25
22	E	Longest day.	4 33	7 31	23 27	12 1 38
23	2	♀ ☌ ☾	4 33	7 31	23 27	12 1 51
24	3	☽ in Apogee.	4 34	7 31	23 26	12 2 4
25	4	♅ ☌ ☾	4 34	7 31	23 24	12 2 17
26	5	☉ eclipsed invis.	4 34	7 31	23 22	12 2 30
27	6	Arcturus so. 7 45 58 ♎	4 34	7 31	23 20	12 2 42
28	7	☿ ☌ ☾	4 35	7 31	23 17	12 2 55
29	E	Day's length 14 h. 59 m.	4 35	7 31	23 14	12 3 7
30	2	Antares so. 9 45 24	4 35	7 31	23 11	12 3 19

Planets' places in Right Ascension and Declination.

	M D	R. A. H. M.	Declin. ° ′	P. M. H. M.	M D	R. A. H. M.	Declin. ° ′	P. M. H. M.
♀ Venus	1	1 41	8 7 N	21 3	17	2 49	13 48 N	21 8
♂ Mars	5	22 57	9 32 S	18 1	21	23 35	6 5 S	17 36
♃ Jupiter	9	11 20	5 46 N	6 8	25	11 25	5 8 N	5 11
♄ Saturn	13	11 13	7 20 N	5 46	29	11 17	6 57 N	4 47

M D	☽ Pl.	☽ Age	Moon sets.	Moon south	H. W. Phila.
1	25	4	10 26	3 14	5 2
2	♌	5	10 58	4 0	5 48
3	20	6	11 25	4 45	6 33
4	♍	7	11 54	5 31	7 19
5	16	8	morn.	6 17	8 5
6	29	9	0 22	7 4	8 52
7	♎	10	0 51	7 54	9 42
8	27	11	1 23	8 49	10 37
9	♏	12	2 0	9 48	11 36
10	27	13	2 45	10 51	12 39
11	♐	14	3 40	11 56	1 44
12	27	15	rises	morn.	2 28
13	♑	16	9 1	1 0	3 12
14	27	17	9 43	2 1	4 13
15	♒	18	10 17	2 58	5 10
16	25	19	10 48	3 50	6 2
17	♓	20	11 16	4 39	6 51
18	22	21	11 42	5 24	7 36
19	♈	22	morn.	6 8	8 20
20	17	23	0 10	6 52	9 4
21	29	24	0 37	7 35	9 47
22	♉	25	1 8	8 21	10 33
23	23	26	1 42	9 8	11 20
24	□	27	2 20	9 55	12 7
25	17	28	3 4	10 44	12 56
26	28	29	3 54	11 34	1 46
27	♋	0	sets.	aft. 23	2 23
28	22	1	8 29	1 11	2 59
29	♌	2	9 2	1 59	3 47
30	17	3	9 30	2 44	4 32

ish the love of Heaven. It is our duty on the one hand, and our advantage on the other. Every Christian spirit loves to remember there is a Heaven, and brightens at the hope that it may be attained. All through the long course of life we shape our progress that we may gain its radiant confines, and our every act, whether for weal or woe, aids or retards that progress. For the most degraded human being there yet remains a hope, that his misguided spirit, by repentance, may reach those blue, elysian shores, which ever beckon on the longing spirit, and which offer their protection and boundless joys alike to nobleman and peasant. Its sun-lit portals are never closed against deserving worth, and man, conscious of his frailties, better estimates the value of forgiveness than if he were

MOON'S PHASES.

	N. York.			*Philada.*			*Baltimore*			*Cincinnati.*		
	D.	H.	M.	D.	H.	M.	D.	H.	M.	D.	H.	M.
☽ First Quar.	4	5	55	4	5	50	4	5	44	4	5	13 aft.
○ Full Moon.	11	8	42	11	8	37	11	8	31	11	8	0 mor.
☾ Last Quar.	18	0	17	18	0	12	18	0	6	18	11	35 mor
● New Moon.	26	4	9	26	4	4	26	3	58	26	3	27 aft.

M D.	W D	*Miscellanies.*	Sun rises.	Sun sets.	Sun's dec. N.	Sun H.	s'th M.	s
1	3	☉ in Apogee ♋	4 36	7 31	23° 7′	12	3	31
2	4	♄ ☌ ☾	4 36	7 30	23 3	12	3	42
3	5	♃ ☌ ☾	4 37	7 30	22 58	12	3	53
4	6	Independence 1776	4 38	7 30	22 53	12	4	4
5	7	Daybreak 2 35	4 38	7 30	22 47	12	4	15
6	E	Antares so. 9 21 48	4 39	7 30	22 41	12	4	25
7	2	Sheridan d. 1816	4 40	7 30	22 35	12	4	35
8	3	Ed. Burke d. 1797	4 40	7 29	22 28	12	4	44
9	4	☽ in Perigee	4 41	7 29	22 21	12	4	53
10	5	Twilight ends 9 28 ♋	4 42	7 29	22 14	12	5	2
11	6	♁ grt. Hel. Lat. S.	4 42	7 28	22 6	12	5	10
12	7	Days length 14 h. 48 m.	4 43	7 28	21 58	12	5	18
13	E	Antares so. 8 54 14	4 44	7 27	21 49	12	5	25
14	2	☿ stationary.	4 44	7 27	21 40	12	5	32
15	3	G. Clinton b. 1739.	4 45	7 26	21 31	12	5	38
16	4	♁ ☌ ☾	4 46	7 25	21 21	12	5	44
17	5	♀ ☌ ♅	4 46	7 25	21 11	12	5	49
18	6	Spica sets 10 59	4 47	7 24	21 1	12	5	54
19	7	Od. Barrot b. 1790	4 48	7 23	20 50	12	5	58
20	E	Day's decrease 26 m.	4 49	7 22	20 39	12	6	2
21	2	☽ in Apogee	4 50	7 22	20 27	12	6	5
22	3	*Western Q. M.*	4 50	7 21	20 15	12	6	8
23	4	♀ ☌ ☾	4 51	7 20	20 3	12	6	10
24	5	*Calm Q. M.* ♋	4 52	7 19	19 51	12	6	12
25	6	☿ ☌ ☾	4 53	7 19	19 38	12	6	13
26	7	Antares so. 8 3 11	4 54	7 18	19 25	12	6	13
27	E	Vega in Merid. 10 10 13	4 55	7 17	19 11	12	6	13
28	2	Com. Stewart b. 1778.	4 56	7 16	18 58	12	6	12
29	3	*Concord Q. M.*	4 56	7 16	18 43	12	6	11
30	4	♄ ☌ ☾	4 57	7 15	18 29	12	6	9
31	5	♃ ☌ ☾	4 58	7 14	18 14	12	6	6

Planets' places in Right Ascension and Declination.

	M D	R. A. H. M.	Declin. ° ′	P. M. H. M.	M D	R. A. H. M.	Declin. ° ′	P.M. H. M.
♀ Venus	1	3 53	18 3 N	21 17	17	5 11	21 23 N	21 31
♂ Mars	5	0 5	3 15 S	17 11	21	0 35	0 26 S	16 38
♃ Jupiter	9	11 32	4 23 N	4 22	25	11 41	3 22 N	3 29
♄ Saturn	13	11 21	6 30 N	3 56	29	11 26	5 53 N	2 58

M D.	☽ Pl.	☽ Age	Moon sets.	Moon south.	H.W. Phila.
1	♍	4	9 58	3 29	5 17
2	12	5	10 24	4 14	6 2
3	26	6	10 52	5 0	6 48
4	♎	7	11 23	5 48	7 36
5	23	8	11 56	6 39	8 27
6	♏	9	morn.	7 34	9 22
7	21	10	0 37	8 33	10 21
8	♐	11	1 24	9 35	11 23
9	21	12	2 21	10 39	12 27
10	♑	13	3 28	11 42	1 30
11	20	14	rises.	morn.	2 12
12	♒	15	8 12	0 42	2 54
13	20	16	8 46	1 37	3 49
14	♓	17	9 16	2 28	4 40
15	17	18	9 44	3 17	5 29
16	♈	19	10 11	4 2	6 14
17	13	20	10 39	4 47	6 59
18	26	21	11 9	5 31	7 43
19	♉	22	11 42	6 17	8 29
20	20	23	morn.	7 3	9 15
21	□	24	0 18	7 51	10 3
22	13	25	1 0	8 39	10 51
23	25	26	1 48	9 29	11 41
24	♋	27	2 41	10 18	12 30
25	19	28	3 37	11 7	1 19
26	♌	29	4 38	11 55	2 7
27	14	1	sets.	aft. 42	2 42
28	26	2	8 3	1 28	3 16
29	♍	3	8 29	2 13	4 1
30	23	4	8 58	2 59	4 47
31	♎	5	9 27	3 46	5 34

more pure, while the unbounded charity of a gracious God binds rebellious mortals to their Maker.

In the early dawn of life, when Natures spreads before us her ample pleasures with the most profusion—when the unsuspecting spirit knows no distrust of fellow mortals, then it is a Mother's love is paramount. But when the stern realities of our probationary course on earth begin to press upon us, when the duties of life become a burden to the overtaxed abilities, and when the baffled hand, forever grasping at the "bubble reputation," drops its hold and yields to stronger minds, 'tis then the peaceful haunts of home look most inviting. At its threshold every animosity is dropped, while the prevading quietude within calms the turbid waters and restores the wonted vigor. And finally, when the

MOON'S PHASES.

	N. York.			*Philada.*			*Baltimore*			*Cincinnati.*			
	D.	H.	M.	D.	H.	M.	D.	H.	M.	D.	H.	M.	
☽ First Quar.	2	11	59	2	11	56	2	11	50	2	11	19	aft.
○ Full Moon.	9	4	57	9	4	52	9	4	46	9	4	15	aft.
☾ Last Quar.	17	4	51	17	4	46	17	4	40	17	4	9	mor.
● New Moon.	25	4	44	25	4	39	25	4	33	25	4	2	mor.

M D.	W D	*Miscellanies.*	Sun rises.	Sun sets.	Sun's dec. N.	Sun s'th. H.	M.	s.
1	6	Antares so. 7 39 38 ♏	4 59	7 13	17° 59	12	6	2
2	7	☿ in ♌	5 0	7 12	17 44	12	5	59
3	E	Day-break 3 11	5 1	7 11	17 28	12	5	55
4	2	♁ in Perihelion.	5 2	7 10	17 12	12	5	50
5	3	*Philadelphia Q. M.*	5 3	7 9	16 56	12	5	44
6	4	☽ in perigee ♋	5 4	7 8	16 40	12	5	38
7	5	*Abington Q. M.*	5 5	7 7	16 23	12	5	31
8	6	Ney shot 1815	5 6	7 5	16 6	12	5	23
9	7	Vega in merid. 9 19 5	5 7	7 4	15 49	12	5	15
10	E	Fomalhaut rises 9 30	5 7	7 3	15 32	12	5	6
11	2	Wm. Penn d. 1718	5 8	7 1	15 14	12	4	57
12	3	George IV. b. 1762.	5 9	7 0	14 56	12	4	47
13	4	Reapp. of Saturn's Ring.	5 10	6 59	14 38	12	4	37
14	5	♁ ☌ ☾	5 11	6 58	14 19	12	4	26
15	6	Bonaparte b. 1769	5 12	6 56	14 0	12	4	14
16	7	Altair so. 10 3 9	5 13	6 55	13 42	12	4	3
17	E	☿ grt. Hel. Lat. N.	5 14	6 54	13 22	12	3	50
18	2	☽ in Apogee	5 15	6 53	13 3	12	3	37
19	3	♀ in ♌	5 16	6 51	12 44	12	3	24
20	4	Twilight ends 8 31 ♏	5 17	6 50	12 24	12	3	10
21	5	Wm. IV. b. 1765	5 18	6 48	12 4	12	2	55
22	6	Day's length 13 h. 30 m.	5 19	6 47	11 44	12	2	42
23	7	♀ ☌ ☾	5 20	6 45	11 23	13	2	25
24	E	Vega in merid. 8 20 6	5 21	6 44	11 3	12	2	10
25	2	Altair so. 9 27 46	5 22	6 43	10 42	12	1	54
26	3	*Burlington Q. M.*	5 23	6 41	10 21	12	1	37
27	4	*Southern Q. M.*	5 24	6 39	10 0	12	1	21
28	5	*Bucks Q. M.*	5 25	6 38	9 39	12	1	3
29	6	Locke b. 1630	5 26	6 36	9 18	12	0	46
30	7	Day's decrease 1 h. 50 m.	5 27	6 35	8 56	12	0	28
31	E	Bunyan d. 1688	5 28	6 34	8 35	12	0	10

Planet's places in Right Ascension and Declination.

	M	R. A.		Declin.			P. M.		M	R. A.		Declin.			P. M.	
	D	H.	M.	°	′		H.	M.	D	H.	M.	°	′		H.	M.
♀ Venus	1	6	27	22	26	N	21	49	17	7	49	21	0	N	22	8
♂ Mars	5	0	58	1	34	N	16	2	21	1	14	2	51	N	15	14
♃ Jupiter	9	11	51	2	17	N	2	39	25	12	2	1	1	N	1	48
♄ Saturn	13	11	32	5	14	N	2	5	29	11	39	4	29	N	1	9

M D	☌ ☽	☽ ☌	Moon rises.	Moon south.	H.W. Phila.
1	19	6	9 59	4 36	6 24
2	♏	7	10 37	5 28	7 16
3	17	8	11 19	6 24	8 12
4	♐	9	morn.	7 23	9 11
5	16	10	0 11	8 25	10 13
6	♑	11	1 12	9 26	11 14
7	15	12	2 20	10 26	12 14
8	29	13	3 32	11 22	1 10
9	♒	14	rises.	morn.	1 48
10	28	15	7 14	0 15	2 27
11	♓	16	7 42	1 5	3 17
12	25	17	8 11	1 53	4 5
13	♈	18	8 40	2 39	4 51
14	21	19	9 10	3 25	5 37
15	♉	20	9 42	4 11	6 23
16	16	21	10 16	4 57	7 9
17	28	22	10 57	5 44	7 56
18	♊	23	11 42	6 33	8 45
19	21	24	morn.	7 32	9 44
20	♋	25	0 33	8 11	10 23
21	15	26	1 27	9 0	11 12
22	27	27	2 28	9 49	12 1
23	♌	28	3 29	10 37	12 49
24	23	29	4 32	11 23	1 35
25	♍	0	sets.	aft. 10	2 10
26	19	1	7 1	0 56	2 44
27	♎	2	7 30	1 43	3 31
28	16	3	8 2	2 33	4 21
29	♏	4	8 37	3 24	5 12
30	14	5	9 19	4 20	6 8
31	28	6	10 7	5 17	7 5

sands of our existence have nearly run their course, and earth looks uninviting, there yet remains, to fill what otherwise would be a void, the hopes of Heaven.

Thus it is, these attributes of human nature are gradually inwrought with our better feelings, and, in the expressive language of the poet—

"Though the doom of swift decay,
Shocks the soul where life is strong,
Though, for frailer hearts, the day
Lingers sad and over-long;
Still the weight will find a leaven,
Still the spoiler's hand is slow,
While the *future* has its *Heaven*,
And the past its Long-ago."

OCCASIONAL.

Nutritive Properties of the Apple.

That apples are valuable as food for animals is now generally acknowledged, and their

MOON'S PHASES.

	N. York.			*Philada.*			*Baltimore*			*Cincinnati.*			
	D.	H.	M.	D.	H.	M.	D.	H.	M.	D.	H.	M.	
☽ First Quar.	1	5	22	1	5	17	1	5	11	1	4	40	mor.
○ Full Moon.	8	3	1	8	2	56	8	2	50	8	2	19	mor.
☾ Last Quar.	15	11	26	15	11	21	15	11	15	15	10	44	aft.
● New Moon.	23	4	2	23	3	57	23	3	51	23	3	20	aft.
☽ First Quar.	30	11	14	30	11	9	30	11	3	30	10	32	mor.

M D	W D	*Miscellanies.*	Sun rises.	Sun sets.	Sun's dec. N.	Sun s'th. H. M. S.
1	2	*Ohio Y. M.* ♈	5 28	6 32	8° 13′	11 59 51
2	3	☽ in Perigee	5 29	6 30	7 51	11 59 32
3	4	☿ ☌ ♄ ♉	5 30	6 28	7 29	11 59 13
4	5	*Salem Q. M.*	5 31	6 27	7 7	11 58 53
5	6	Vega in merid. 7 32 56	5 32	6 25	6 45	11 58 33
6	7	Lafayette b. 1757	5 33	6 24	6 22	11 58 13
7	F	Day-break 3 58	5 34	6 23	6 0	11 57 53
8	2	☿ ☌ ♌	5 35	6 21	5 37	11 57 33
9	3	☿ in ♍	5 36	6 19	5 15	11 57 12
10	4	♄ ☌ ☾	5 37	6 18	4 52	11 56 51
11	5	*Haddonfield Q. M.*	5 38	6 16	4 29	11 56 31
12	6	Twilight ends 7 49	5 39	6 14	4 6	11 56 10
13	7	♅ □ ☉	5 40	6 12	3 43	11 55 49
14	F	Altair so. 8 9 9	5 41	6 11	3 20	11 55 28
15	2	☽ in apogee	5 42	6 9	2 57	11 55 6
16	3	Day's length 12 h. 27 m.	5 43	6 7	2 34	11 54 45
17	4	Aldebaran rises 9 47 ♉	5 44	6 6	2 11	11 54 24
18	5	Wm. Hazlitt d. 1830	5 45	6 4	1 48	11 54 3
19	6	♄ ☌ ☉	5 46	6 3	1 24	11 53 42
20	7	☿ in aphelion	5 47	6 1	1 1	11 53 21
21	F	♀ in perihelion.	5 48	5 59	0 38	11 53 0
22	2	♀ ☌ ☾	5 49	5 58	N 14	11 52 39
23	3	☉ ent. ♎ autumn com.	5 50	5 56	S 9	11 52 19
24	4	Days and nights equal	5 51	5 55	0 33	11 51 58
25	5	☿ ☌ ☾	5 52	5 53	0 56	11 51 37
26	6	Days decrease 3h. 0 m.	5 53	5 51	1 19	11 51 17
27	7	☽ in perigee	5 54	5 49	1 43	11 50 57
28	F	Ed. Stabler b. 1769.	5 54	5 48	2 6	11 50 37
29	2	*Indiana Y. M.*	5 55	5 46	2 30	11 50 18
30	3	Whitefield d. 1770 ♉	5 56	5 44	2 53	11 49 58

Planets' places in Right Ascension and Declination.

	M D	R. A. H.	M.	Declin. °	′		P. M. H.	M.	M D	R. A. H.	M.	Declin. °	′		P. M. H.	M.
♀ Venus	1	9	5	17	21	N	22	24	17	10	22	11	27	N	22	38
♂ Mars	5	1	18	3	7	N	14	18	21	1	9	2	28	N	13	6
♃ Jupiter	9	12	13	0	14	S	1	0	25	12	26	1	36	S	0	10
♄ Saturn	13	11	46	3	45	N	0	17	29	11	53	2	58	N	23	18

M D	Pl.	D Age	Moon sets.		Moon south.		H.W. Phila.	
1	♐	7	11	4	6	17	8	5
2	26	8	morn.		7	17	9	5
3	♑	9	0	7	8	16	10	4
4	25	10	1	16	9	12	11	0
5	♒	11	2	27	10	5	11	53
6	23	12	3	37	10	55	12	43
7	♓	13	4	47	11	44	1	32
8	20	14	rises.		morn.		2	7
9	♈	15	6	40	0	31	2	43
10	16	16	7	8	1	17	3	29
11	29	17	7	40	2	3	4	15
12	♉	18	8	15	2	50	5	2
13	24	19	8	52	3	37	5	49
14	□	20	9	36	4	25	6	37
15	17	21	10	25	5	14	7	26
16	29	22	11	18	6	3	8	15
17	♋	23	morn.		6	52	9	4
18	23	24	0	15	7	41	9	53
19	♌	25	1	15	8	28	10	40
20	18	26	2	17	9	15	11	27
21	♍	27	3	22	10	2	12	14
22	14	28	4	27	10	42	12	54
23	28	29	5	32	11	36	1	48
24	♎	1	sets.		aft.	26	2	26
25	26	2	6	36	1	18	3	6
26	♏	3	7	18	2	14	4	2
27	25	4	8	5	3	11	4	59
28	♐	5	9	1	4	12	6	0
29	23	6	10	1	5	12	7	0
30	♑	7	11	9	6	11	7	59

use for this purpose has, within a few years, been greatly extended, though it is probable that their relative value compared with other articles is but little understood. From accurate experiments, it has been ascertained that apples, after having been stewed with meal, in the proportion of four quarts of meal to a bushel of apples, when fed to swine, are fully equal, if not superior, in nutritive qualities, to the same amount of potatoes similarly prepared. A peck of apples a day, fed to a cow, has been found to add more than a quart to the daily quantity of milk, besides greatly increasing its richness, as well as improving the condition of the cow. The effect of apples is equally favorable on other stock. Horses fatten on them, and their coats assume a brilliancy which hardly any other

MOON'S PHASES.

	N. York.			*Philada.*			*Baltimore*			*Cincinnati.*		
	D.	H.	M.	D.	H.	M.	D.	H.	M.	D.	H.	M.
○ Full Moon.	7	3	50	7	3	45	7	3	39	7	3	8 aft.
☾ Last Quar.	15	6	46	15	6	41	15	6	35	15	6	4 aft.
● New Moon.	23	2	41	23	2	36	23	2	30	23	1	59 mor.
☽ First Quar.	29	6	48	29	6	43	29	6	38	29	6	7 aft.

M D.	W D	*Miscellanies.*	Sun rises.	Sun sets.	Sun's dec. s.	Sun s'th. H. M. S.
1	4	♃ ♂ ☉ ♋	5 57	5 42	3° 16′	11 49 39
2	5	Arcturus sets 8 37	5 58	5 41	3 40	11 49 20
3	6	☿ grt. Elong. E.	5 59	5 39	4 3	11 49 2
4	7	Altair so. 6 51 30	6 0	5 38	4 26	11 48 43
5	E	♄ ☌ ☉	6 1	5 36	4 49	11 48 25
6	2	Fomalhaut so. 9 48 8	6 2	5 35	5 12	11 48 8
7	3	♄ ♂ ☾ ♀ ♂ ♄	6 3	5 33	5 35	11 47 50
8	4	John Hancock d. 1793.	6 4	5 32	5 58	11 47 34
9	5	Lewis Cass b. 1782.	6 5	5 30	6 21	11 47 17
10	6	☿ grt. Hel. Lat. S.	6 7	5 29	6 44	11 47 1
11	7	Aldebaran rises 8 10	6 8	5 27	7 7	11 46 46
12	E	♅ ♂ ☾	6 9	5 25	7 29	11 46 31
13	2	☽ in Apogee	6 10	5 24	7 52	11 46 17
14	3	Orion rises 9 48 ♍	6 11	5 22	8 14	11 46 3
15	4	☿ stationary	6 12	5 21	8 36	11 45 50
16	5	♃ grt. Hel. Lat. N.	6 13	5 19	8 58	11 45 37
17	6	Markab. so. 9 12 44	6 14	5 17	9 21	11 45 25
18	7	♀ ♂ ♃	6 15	5 16	9 42	11 45 13
19	E	Rigel rises 9 42	6 16	5 14	10 4	11 45 2
20	2	♄ ♂ ☾	6 17	5 13	10 26	11 44 52
21	3	*Western Q. M.*	6 18	5 11	10 47	11 44 43
22	4	♃ ♂ ☾ ♀ ♂ ☾	6 19	5 10	11 9	11 44 34
23	5	*Caln Q. M.*	6 21	5 8	11 30	11 44 26
24	6	Daybreak 4 49	6 22	5 6	11 51	11 44 18
25	7	☽ in Perigee	6 23	5 5	12 11	11 44 11
26	E	Jesse Kersey d. 1845	6 24	5 3	12 32	11 44 5
27	2	*Baltimore Y. M.* ♋	6 25	5 2	12 52	11 44 0
28	3	*Concord Q. M.*	6 26	5 1	13 13	11 43 55
29	4	Twilight ends 6 34	6 27	5 0	13 33	11 43 51
30	5	John Adams b. 1735	6 28	4 59	13 52	11 43 48
31	6	☿ ♂ ♀	6 29	4 58	14 12	11 43 46

Planets' places in Right Ascension and Declination.

	M D	R. A. H. M.	Declin. ° ′	P. M. H. M.	M D	R. A. H. M.	Declin. ° ′	P. M. H. M.
♀ Venus	1	11 27	5 7 N	22 48	17	12 40	2 45 S	22 58
♂ Mars	5	0 52	1 32 N	11 54	21	0 35	0 54 N	10 34
♃ Jupiter	9	12 37	2 47 S	23 23	25	12 50	4 7 S	22 32
♄ Saturn	13	11 59	2 19 N	22 29	29	12 6	1 37 N	21 33

M D	☽ Pl.	☽ Age	Moon rises.	Moon south.	H.W. Phila.
1	21	8	morn.	7 7	8 55
2	♒	9	0 18	8 0	9 48
3	19	10	1 27	8 50	10 38
4	♓	11	2 34	9 38	11 26
5	16	12	3 41	10 25	12 13
6	29	13	4 45	11 10	12 58
7	♈	14	5 49	11 56	1 44
8	25	15	rises.	morn.	2 20
9	♉	16	6 13	0 43	2 55
10	20	17	6 49	1 30	3 42
11	♊	18	7 31	2 18	4 30
12	14	19	8 18	3 7	5 17
13	25	20	9 9	3 56	6 8
14	♋	21	10 4	4 45	6 57
15	19	22	11 2	5 33	7 45
16	♌	23	morn.	6 20	8 32
17	13	24	0 2	7 6	9 18
18	26	25	1 4	7 52	10 4
19	♍	26	2 7	8 38	10 50
20	22	27	3 12	9 24	11 36
21	♎	28	4 20	10 14	12 26
22	20	29	5 30	11 5	1 17
23	♏	0	sets.	aft. 0	2 0
24	20	1	5 58	1 0	2 48
25	♐	2	6 51	2 1	3 49
26	19	3	7 53	3 3	4 51
27	♑	4	9 0	4 4	5 52
28	18	5	10 10	5 2	6 50
29	♒	6	11 21	5 57	7 45
30	16	7	morn.	6 48	8 36
31	29	8	0 28	7 36	9 24

food will give them. For all stock they answer a similar purpose as vegetables, in preventing costiveness, which is likely to ensue from exclusive use of dry food; and in this way, and by the nutriment they contain, they contribute much to the animal's thrift. The apples should be ripe or nearly so, and of palatable kinds; sour apples when fed in a raw state are not much relished by animals, but by cooking with meal they are as equally well received as the sweet varieties. Recent chemical analyses by Mr. J. H. Salisbury, of Albany, show that good varieties of the apple are richer in those bodies which strictly go to nourish the system than potatoes are, or, in other words, to form muscle, brain, nerve, and, in short, assist in sustaining and building up the organic parts of all the tissues of the animal body.—*Albany Cultivator.*

MOON'S PHASES.

	N. York.			*Philada.*			*Baltimore*			*Cincinnati.*		
	D.	H.	M.	D.	H.	M.	D.	H.	M.	D.	H.	M.
○ Full Moon.	6	7	53	6	7	48	6	7	42	6	7	11 mor.
☾ Last Quar.	14	1	15	14	1	10	14	1	4	14	0	33 aft.
● New Moon.	21	1	19	21	1	14	21	1	8	21	0	37 aft.
☽ First Quar.	28	5	6	28	5	1	28	4	55	28	4	24 mor.

M D	W D	*Miscellanies.*	Sun rises.	Sun sets.	Sun's dec. s.	Sun s'th. H. M. S.
1	7	Fomalhaut so. 8 5 55 ♒	6 31	4 57	14°31	11 43 44
2	E	☿ in Perihelion	6 32	4 56	14 50	11 43 43
3	2	♄ ☌ ☾	6 33	4 55	15 9	11 43 43
4	3	*Philadelphia Q. M.*	6 35	4 54	15 27	11 43 44
5	4	☿ stationary	6 36	4 53	15 46	11 43 46
6	5	*Abington Q. M.*	6 37	4 52	16 4	11 43 48
7	6	♄ stationary.	6 38	4 51	16 22	11 43 51
8	7	Markab so. 7 46 13	6 39	4 49	16 39	11 43 55
9	E	♅ ☌ ☾	6 40	4 48	16 57	11 44 0
10	2	☽ in Apogee ♋	6 41	4 48	17 14	11 44 6
11	3	Day-break 5 7	6 42	4 47	17 30	11 44 13
12	4	☿ grt. elong. W.	6 43	4 46	17 47	11 44 20
13	5	☿ gt. Hel. Lat. N.	6 44	4 45	18 3	11 44 28
14	6	C. Carroll d. 1832	6 45	4 44	18 18	11 44 38
15	7	Witherspoon d. 1794	6 46	4 43	18 34	11 44 48
16	E	Sirius rises 9 53	6 48	4 42	18 49	11 44 59
17	2	♄ ☌ ☾	6 49	4 42	19 4	11 45 11
18	3	♃ ☌ ☾	6 50	4 41	19 18	11 45 23
19	4	Alioth on merid. 8 52	6 51	4 40	19 32	11 45 37
20	5	☿ ☌ ☾ ♀ ☌ ☾	6 52	4 39	19 46	11 45 51
21	6	☉ eclipsed invis.	6 54	4 39	19 59	11 46 7
22	7	☽ in Perigee	6 55	4 38	20 12	11 46 23
23	E	Twilight ends 6 14	6 56	4 37	20 25	11 46 39
24	2	Z. Taylor b. 1784.	6 57	4 37	20 37	11 46 57
25	3	*Burlington Q. M.*	6 58	4 36	20 49	11 47 15
26	4	*Southern Q. M.*	6 59	4 36	21 0	11 47 34
27	5	*Bucks Q. M.*	7 0	4 35	21 11	11 47 54
28	6	Cardinal Wolsey d. 1530	7 1	4 35	21 22	11 48 14
29	7	Days length 9 h. 35 m.	7 2	4 35	21 32	11 48 35
30	E	♄ ☌ ☾	7 3	4 35	21 42	11 48 57

Planets' places in Right Ascension and Declination.

	M D	R. A. H. M.	Declin. ° ′		P. M. H. M.	M D	R. A. H. M.	Declin. ° ′		P. M. H. M.
♀ Venus	1	13 50	9 59	S	23 9	17	15 8	16 46	S	23 24
♂ Mars	5	0 28	1 17	N	9 28	21	0 32	2 46	N	8 30
♃ Jupiter	9	13 1	5 18	S	21 45	25	13 13	6 27	S	20 53
♄ Saturn	13	12 12	1 2	N	20 39	29	12 17	0 32	N	19 42

M D	Pl.	☽ Age	Moon sets.	Moon south.	H.W. Phila.
1	♓	9	1 33	8 22	10 10
2	26	10	2 37	9 7	10 55
3	♈	11	3 40	9 52	11 40
4	21	12	4 41	10 38	12 26
5	♉	13	5 43	11 24	1 12
6	16	14	rises.	morn.	1 48
7	28	15	5 28	0 12	2 24
8	♊	16	6 13	1 1	3 13
9	20	17	7 2	1 50	4 2
10	♋	18	7 56	2 39	4 51
11	15	19	8 53	3 27	5 39
12	27	20	9 50	4 14	6 26
13	♌	21	10 51	4 59	7 11
14	21	22	11 50	5 44	7 56
15	♍	23	morn.	6 28	8 40
16	17	24	0 54	7 14	9 26
17	♎	25	1 58	8 0	10 12
18	14	26	3 5	8 50	11 2
19	28	27	4 17	9 43	11 55
20	♏	28	5 30	10 40	12 52
21	28	29	6 44	11 41	1 53
22	♐	1	sets.	aft. 45	2 45
23	28	2	6 43	1 49	3 37
24	♑	3	7 55	2 51	4 39
25	28	4	9 6	3 49	5 37
26	♒	5	10 17	4 43	6 31
27	26	6	11 25	5 33	7 21
28	♓	7	morn.	6 20	8 8
29	23	8	0 30	7 5	8 53
30	♈	9	1 33	7 50	9 38

BOUSSINGAULT has recently made some observations concerning the influence of salt upon the fattening of cattle. His experiments show that salt does not exert that beneficial influence on the growth of cattle, and the production of flesh, which is usually attributed to it. The experiments extended over a period of thirteen months, and were made upon a number of steers, some of which had their rations salted while others had not; in other respects they were treated in a precisely similar manner. The results show, that the increase in the proportion of flesh does not pay for the salt employed. It is, however, remarked, that a saline diet does exert a beneficial effect on the appearance and condition of animals; for the steers which were deprived of salt for eleven months appear-

MOON'S PHASES.

	N. York.			*Philada.*			*Baltimore*			*Cincinnati.*		
	D.	H.	M.	D.	H.	M.	D.	H.	M.	D.	H.	M.
○ Full Moon.	6	2	42	6	2	37	6	2	31	6	2	0 mor.
☾ Last Quar.	14	5	37	14	5	32	14	5	26	14	4	55 mor.
● New Moon.	21	0	8	21	0	3	20	11	57	20	11	26 aft.
☽ First Quar.	27	6	48	27	6	43	27	6	37	27	6	6 aft.

M D.	W D	*Miscellanies.*		Sun rises.	Sun sets.	Sun's dec. s.	Sun south' H.	M.	S.
1	2	Sirius rises 8 54	☋	7 4	4 35	21°52′	11	49	19
2	3	Alioth on merid. 8 0		7 5	4 35	22 1	11	49	42
3	4	Abp. Carroll d. 1815		7 6	4 34	22 9	11	50	6
4	5	*Salem Q. M.*		7 7	4 34	22 17	11	50	30
5	6	Macbeth killed, 1056		7 8	4 34	22 25	11	50	55
6	7	☽ eclipsed, visible.	☊	7 9	4 34	22 32	11	51	20
7	E	☽ in apogee		7 10	4 34	22 39	11	51	46
8	2	☿ in ♑		7 11	4 34	22 46	11	52	12
9	3	☿ in Aphelion.		7 12	4 34	22 52	11	52	39
10	4	☿ in sup. ☌ ☉		7 13	4 35	22 57	11	53	6
11	5	*Haddonfield Q. M.*		7 13	4 35	23 2	11	53	34
12	6	Daybreak 5 36		7 14	4 35	23 7	11	54	2
13	7	Dr. Johnson d. 1784		7 15	4 35	23 11	11	54	30
14	E	Washington d. 1799		7 15	4 35	23 15	11	54	59
15	2	♄ ☌ ☾		7 16	4 36	23 18	11	55	28
16	3	♃ ☌ ☾		7 17	4 36	23 21	11	55	57
17	4	☿ in Aphelion.		7 17	4 36	23 23	11	56	27
18	5	Twilight ends 6 14		7 18	4 36	23 25	11	56	57
19	6	Ft. Niagara taken 1813		7 19	4 37	23 26	11	57	26
20	7	☉ eclipsed invis.		7 19	4 37	23 27	11	57	56
21	E	☽ in Perigee ♀ ☌ ☾	☋	7 20	4 38	23 27	11	58	26
22	2	☋ ent. ♑ Winter com.		7 20	4 38	23 27	11	58	57
23	3	Shortest day.		7 21	4 39	23 27	11	59	27
24	4	Days' length 9h. 21m.		7 21	4 39	23 26	11	59	57
25	5	*Fishing Creek H. Y. M.*		7 22	4 40	23 24	12	0	26
26	6	Aldebaran so. 10 6 40		7 22	4 40	23 22	12	0	56
27	7	♄ □ ☉		7 22	4 41	23 20	12	1	26
28	E	Rigel so. 10 38 35		7 23	4 42	23 17	12	1	56
29	2	♁ ☌ ☾		7 23	4 42	23 14	12	2	25
30	3	Jesuits soc. founded 1540		7 23	4 43	23 10	12	2	54
31	4	☿ ☌ ♀		7 23	4 43	23 5	12	3	23

Planets' places in Right Ascension and Declination.

	M D	R. A. H. M.	Declin. ° ′		P. M. H. M.	M D	R. A. H. M.	Declin. ° ′		P. M. H. M.
♀ Venus	1	16 20	21 10	S	23 41	17	17 47	23 46	S	0 3
♂ Mars	5	0 45	4 45	N	7 48	21	1 6	7 33	N	7 6
♃ Jupiter	9	13 22	7 20	S	20 7	25	13 31	8 10	S	19 13
♄ Saturn	13	12 20	0 13	N	18 50	29	12 23	0 1	N	17 50

M D	☽ Pl	☽ Asp.	Moon sets.	Moon south.	H.W. Phila.
1	18	10	2 35	8 36	10 24
2	♉	11	3 37	9 22	11 10
3	13	12	4 37	10 8	11 56
4	25	13	5 35	10 56	12 44
5	♊	14	6 30	11 45	1 33
6	19	15	risen.	morn.	2 10
7	♋	16	5 50	0 34	2 46
8	12	17	6 46	1 23	3 35
9	24	18	7 43	2 11	4 23
10	♌	19	8 42	2 56	5 8
11	18	20	9 41	3 41	5 53
12	♍	21	10 41	4 24	6 36
13	13	22	11 44	5 8	7 20
14	26	23	morn.	5 53	8 5
15	♎	24	0 47	6 39	8 51
16	22	25	1 53	7 28	9 40
17	♏	26	3 4	8 22	10 34
18	21	27	4 15	9 19	11 31
19	♐	28	5 28	10 21	12 33
20	21	29	6 36	11 26	1 38
21	♑	0	sets.	aft. 30	2 30
22	21	1	6 43	1 32	3 20
23	♒	2	7 57	2 30	4 18
24	21	3	9 9	3 24	5 12
25	♓	4	10 18	4 14	6 2
26	19	5	11 24	5 2	6 50
27	♈	6	morn.	5 48	7 36
28	15	7	0 27	6 33	8 21
29	28	8	1 28	7 18	9 6
30	♉	9	2 29	8 6	9 54
31	22	10	3 29	8 53	10 41

ed sluggish, and of a languid temperament, their coats being rough, devoid of gloss, and partially bare, while those which had been fed with salt were lively, had a fine glossy coat, and were sure to attain a considerable higher price in the market.—*Ann. Ch. Phys.* XX., XXII.

Industry and Economy.

BE INDUSTRIOUS. — Time and skill are your capital.

BE SAVING.—Whatever it be, live within your income.

BE PRUDENT. — Buy not what you can do without.

BE RESOLUTE.—Let your economy be always of to-day not of to-morrow.

BE CONTENTED AND THANKFUL.—A cheerful spirit makes labor light and sleep sweet, and all around happy.

YEARLY MEETINGS OF FRIENDS IN THE UNITED STATES.

Philadelphia, 2d-day after second 1st-day in 5th mo., 10 o'clock.
New York, 2d day after fourth 1st-day in 5th mo., 10 o'clock.
Genesee, 2d-day after second 1st-day in 6th mo.; at Farmington odd years; and Pickering, Canada West, even.

Ohio, 2d-day before first 1st-day in 9th mo., at Salem, odd years; Mt. Pleasant, even.

Indiana, 2d-day after last 1st-day in 9th mo., at Richmond, odd years; Waynesville, even.

Baltimore, last 2d-day in 10th mo.

☞ Meetings of Ministers and Elders on 7th-day preceding each of the yearly meetings.

PHILADELPHIA YEARLY MEETING.

Philadelphia Quarterly Meeting, 3d-day after first 1st-day in the 2d, 5th, 8th and 11th mos., at Race st., Phila. Ministers and elders day before, at 3 P. M.

The m.m. of Friends of Phila., (Race st.) 4th before last 6th-day but one in the mo., comp. of Race st. 4th-day; West Philadelphia, indulged) 1st-day morning.*

The m. m. of Friends, held at Green street, Phila., 5th before last 6th-day but one in the mo., composed of Green street, Frankford and Germantown,† 5th-days; Coates st. (indulged) 1st-day morn.

The m. m. of Friend of Phila., held at Spruce st., last 6th-day but one; other meetings 5th-day except M. Mtg. week.

Radnor m. m. second 5th-day; Radnor, Haverford, Marion, 5th-days; Valley, 4th-day, all at 10 s., 11 w., except Radnor, at 10 o'clock.

Exeter m. m., at Maiden Creek, last 4th-day; composed of Maiden Creek and Reading, 4th-days: all at 10 o'clock.

Abington Quarterly Meeting, 5th-day after first 2d-day, at 10 o'clock; at Abington 2d mo.; Gwynedd 8th mo.; Horsham 5th and 11th mos. Ministers and elders day before, at 11.

Abington monthly meeting, last 2d-day, at 10 o'clock. Abington 5th-day, 10 o'clock.

Byberry m. m., 3d after last 2d-day; Byberry 5th-day, at 10 o'clock

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* All the morning meetings at Philadelphia begin at 10 A. M. The evening meeting at Race street, 7½ P. M.—at Green street, 7½ P. M. summer, 7 P. M. winter,—the afternoon meeting at Spruce street, 4 P. M. summer, 3 P. M. winter. Summer, from 1st of 4th to 1st of 10th month; winter, from 1st of 10th to 1st of 4th month. The afternoon meetings at Spruce st. are discontinued during the 7th and 8th months.

† There is no meeting for worship at Germantown the week of Frankford preparation, and Green street monthly meetings.

Horsham m. m., 4th-day after last 2d-day; Horsham 5th-day: Upper Dublin 4th-day: all at 10 o'clock. Warminster 5th-day.

Gwynedd m. m., 5th-day after last 2d-day; Gwynedd 5th-day; Plymouth 5th-day; Providence 5th-day: all at 10; Norristown 4th-day at 10½ o'clock. Plymouth odd mos.; Gwynedd even mos.

Richland m. m., 6th-day after last 2d-day; Richland 5th-day: 10 s., 11 w.; Stroudsburg 5th-day, 10 s., 10½ w.

Bucks Quarterly Meeting, last 5th-day, at 10 o'clock; at Wrightstown 2d mo.; Buckingham 5th, Falls 8th, and Middletown 11th mo. Ministers and elders day before, at 11 o'clock.

Buckingham m. m., first 2d-day, at Plumsted 1st mo.; Buckingham 2d, alternately; Buckingham 4th-day; Plumsted 5th-day; Doylestown 1st-day, all at 10 o'clock.

Solebury m. m., 3d after first 2d-day; Solebury 5th-day, at 10 o'clock.

Wrightstown m. m., 4th after first 2d-day; Wrightstown 4th-day, at 10 o'clock.

Makefield m. m., 5th after first 2d-day; Makefield 1st mo.; Newtown 2d, alternately; Makefield and Newtown 5th-days; all at 10 s., 11 w.

Middletown m. m., 6th after first 2d-day; Bristol 1st mo.; Middletown 2d, &c., Middletown 5th day; all at 10 o'clock; Bristol 4th: at 10 s., 11 w.

Falls m. m., 7th after first 2d-day; Falls 4th-day; Pennsbury 5th: all at 10 s., 11 w.

Quakertown m. m. (N. Jersey), 7th before first 2d-day; Kingwood 5th-day: 10 s, 11 w.

Concord Quarterly Meeting, 3d after last 1st-day; Concord 1st and 7th mos.; Wilmington 4th, and Darby 10th mo.; all at 10 o'clock except winter. Ministers and elders day before at 2 o'clock.

Chester m. m., 2d-day before last 1st-day, at Providence; composed of Chester 4th-day, at 10 s., 11 w.; Providence 5th day; Middletown 5th-day, at 10 o'clock.

Darby m. m., 3d before last 1st day; Darby 5th-day:*both at 10 o'clock.

Goshen m. m., 4th before last 1st-day, at Willistown; composed of Goshen 4th-day, Newtown 4th; Willistown 5th, all at 10 o'clock.

Concord m. m., 5th before last 1st-day; Concord 4th-day, Chichester 5th: all at 10 o'clock.

Wilmington m. m., 6th before last 1st-day; Wilmington 5th-day;† Stanton 5th: all at 10 o'clock.

Birmingham m. m., at West Chester 7th before last 1st-day; Birmingham 5th-day; West Chester 4th: all at 10 o'clock.

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* There is no mid week meeting at Darby the week the Quarterly Meeting is held there.

† No mid week meeting at Wilmington and Stanton, the week of the Quarterly Meeting at Wilmington.

Caln Quarterly Meeting, 5th before last 1st-day, at East Caln 1st and 7th mos.; Sadsbury 4th and 10th mos.; all at 11 o'clock. Ministers and elders day before, at 2 P. M.

Uwchlan m. m., first 2d-day, at Kimberton, in 1st mo.; Uwchlan 2d mo., alternately; Kimberton 4th day, Uwchlan 5th, 10 s., 11 w.

Bradford m. m., 3d after first 2d-day, at 11 o'clock; at East Caln 1st m., Bradford 2d, &c.; Bradford 4th-day, at 10 o'clock; East Caln 4th, 10 s. 11 w.

Sadsbury m. m., 4th after first 2d-day; Bart 1st mo., Sadsbury 2d, alternately; Bart 5th, 10 o'clock.; East Sadsbury 5th-day; Lampeter 5th, Columbia 4th, at 11 o'clock.

Western Quarterly Meeting, at London Grove, 3d before last 1st-day; 1st, 4th, 7th, and 10th mos.; all at 10 o'clock. Ministers and elders day before, at 11 o'clock.

Centre m. m., 2d-day after first 1st-day, at Hockessin, in 1st mo., Centre 2d, &c.; Centre 5th-day, Hockessin 5th: all at 10 s., 11 w.

Kennet m. m., 3d-day after first 1st-day, at Kennet Square, 1st mo.; Kennet 2d, Marlborough 3d, alternately; Kennet Square 5th-day, Marlborough 4th, Kennet 5th, Unionville 5th, all at 10 s., 11 w.

London Grove, m. m., 4th after first 1st-day; London Grove 4th-day; both at 10 s., 11 w.

New Garden, m. m., 5th after first 1st-day; New Garden 1st mo., Mill Creek 2d., West Grove 3d., &c.; New Garden 5th-day, West Grove 5th, Mill Creek 5th, all at 10 s., 11 w.

Fallowfield m. m., 7th after first 1st-day; Doe Run 1st mo., Fallowfield 2d; Fallowfield 5th-day, Doe Run 4th: 10 s., 11 w.

Penn's Grove m. m., 6th after first 1st-day; at Oxford 1st mo., Penn's Grove 2d, &c.; both on 5th day, at 10 o'clock.

Southern Quarterly Meeting, 4th after fourth 1st-day, at Little Creek 2d and 11th mos.; Third-haven 5th and 8th mos. Ministers and Elders day before* meeting for worship day after; all at 11 o'clock, except Third-haven at 10.

Camden m. m., 2d after second 1st-day (one week later in 5th mo.), at Camden 1st mo.; Little Creek 2d, alternately; Apoquinimink 5th-day, Smyrna 4th; Little Creek 5th, Camden 3d: all at 10 s., 11 w.

North-West Fork m. m., 4th after second 1st-day, one week later in the 5th mo.; at Pine Grove 1st month, Marshy Creek 2d, &c.; Pine Grove 5th-day, Centre 4th, Snow Hill 4th: all at 10 o'clock.

Third-haven m. m., 5th after second 1st-day (one week later in 5th month), Third-haven 5th-day, Neck 4th-day, 10 s., 11 w.

Cecil m. m., 7th after second 1st day; Cecil 4th-day, Chester Neck indulged 1st and 5th days: all at 11 o'clock.

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* Select Meeting in 2d and 11th mos. is held at Camden at 3 P. M.

Burlington Quarterly Meeting, 3d after last 2d-day; at Mount Holly 2d mo., Crosswicks 5th, &c., at 10 o'clock. Ministers and elders day before at 10 o'clock.

Burlington m. m., first 2d-day; at Rancocas 1st mo., Old Springfield 2d, and Burlington 3d mo., alternately: Rancocas 5th-day, Old Springfield 5th: Burlington 4th; all at 10 o'clock.

Chesterfield m. m., at Crosswicks, 3d after first 2d-day; Chesterfield 5th day (Stony Brook 5th), Trenton 5th, Bordentown 4th: all at 10. East Branch indulged, 1st and 5th days.

Upper Springfield m. m., 4th after first 2d-day; Upper Springfield 4th day, Mansfield 4th, Upper Freehold 5th: all at 10 o'clock.

Mt. Holly m. m., 5th after first 2d-day; Mt. Holly 5th-day; Mount 5th, Vincent-town 1st day only: all at 10 o'clock.

Haddonfield Quarterly Meeting, 5th after second 2d-day; at Moorestown 3d mo., Medford 6th, Evesham 9th, Haddonfield 12th: all at 10. Ministers and elders, each place, day before, at 11 o'clock.

Chester m. m., at Moorestown, 5th after first 2d-day, at 10. Westfield 5th-day, Moorestown 5th: both at 10.

Evesham m. m., 3d after first 2d-day; Evesham 5th: both at 10 o'clock.

Medford m. m., 6th after first 2d-day; Medford 5th-day: both at 10 o'clock.

Haddonfield m. m., 4th after first 2d-day; at Camden 1st mo., Haddonfield 2d, &c.; Camden 5th-day, Haddonfield 5th: all at 10 o'clock.

Salem Quarterly Meeting, 5th after first 2d-day, at Woodstown 3rd and 9th mos.; Salem 6th mo; and Woodbury 12th mo.: all at 10 o'clock. Ministers and elders day before, at 2½ P. M.

Woodbury m. m., last 2d-day; 1st mo. Upper Greenwich, 2d mo. Woodbury, &c.; Woodbury 5th-day; all at 10 s., 11 w., and Upper Greenwich 5th-day at 10 o'clock.

Piles Grove m. m., 3d after last 2d-day, Piles Grove 5th day, at 10; Upper Penn Neck 5th, Woolwich 4th, at 10 s., 11 w.

Salem m. m., 4th after last 2d-day; Salem 4th-day: both at 10.

Greenwich m. m., 5th after last 2d-day; at Greenwich 1st mo., Alloway's Creek 2d, &c.; Greenwich 4th-day, Alloway's Creek 5th; Maurice River 5th day: all at 10; Cape May 5th-day, at 11 o'cl'k.

Fishing Creek Half-Year Meeting.

Fifth after last 4th-day but one in 6th and 12th mos. Ministers and Elders day before, at 5½ o'clock P. M.

Roaring Creek m. m., last 4th-day but two: at Roaring Creek 1st mo., Catawissa 2d, Bewick 3d, Shamokin 4th, &c.; Bewick 5th, Shamokin 5th; all at 10 s., 11 w.

Fishing Creek m. m., at Millville, last 4th-day but one; Fishing Creek 4th-day, all at 10 s., 11 w.

NEW YORK YEARLY MEETING.

Westbury Quarterly Meeting, 5th before last 1st-day; at New York 1st mo., Westbury 4th and 7th mos., Flushing 10th mo. Ministers and Elders day before, at 3 o'clock.

New York m. m., first 4th day; Southern District 4th day, Northern 5th, Brooklyn 5th: all at 10½ o'clock: Westchester 4th, at 11 o'clock.

Flushing m. m., first 5th-day; Flushing 5th day, at 11 o'clock.

Westbury m. m., 4th before third 5th-day; at Westbury, except 2d, 5th, 8th, and 11th mos. at Matinicock; Westbury 4th-day, Cowneck 5th, Matinicock 5th; all at 11 o'clock.

Jericho m. m., third 5th-day; Jericho 5th-day, Bethpage 4th, Jerusalem 5th: all at 11 o'clock.

Cornwall m. m., fourth 5th-day; at Cornwall 1st mo., Smith's Clove 2d, &c.; one week earlier, 1st, 4th, 7th, and 10th mos.; all at 11 o'clock: Cornwall 5th-day, Clove 4th, Blooming Grove 5th, Kakiat 1st day only.

Plains m. m., fourth 3d-day; at Paltz 1st mo., Greenfield 2d, Little Esopus 3d, &c.; Paltz 5th-day; Greenfield 5th; Little Esopus 5th; Neversink (indulged,) 1st-day.

Purchase Quarterly Meeting, 4th before first 1st-day; at Purchase 2d and 8th mos., Chappaqua 5th and 11th mos. Ministers and Elders day before, at 2 P. M. All meetings in this quarter begin at 11 o'clock.

Purchase m. m., 4th before second 5th-day; at Mamaroneck 2d, 6th, 8th and 12th mos., at Purchase the other months; Purchase 4th-day, Mamaroneck 5th.

Chappaqua m. m., second 5th-day; Chappaqua 5th-day, North Castle 4th, Mt. Kisco 4th; North Castle 5th and 9th mos.; Chappaqua other months.

Amawalk m. m., 6th after second 5th day; Amawalk 4th-day, Salem 5th, Croton 5th, Peekskill 4th.

Nine Partners Quarterly Meeting, 3d before second 1st-day

in 2d, 5th, and 11 mos., at Nine Partners; Oblong in 8th mo. Ministers and Elders day before.

Nine Partners m. m., third 5th-day; Nine Partners 5th-day, Chestnut Ridge 4th, Canaan 1st-day only.

Oblong m. m., 2d after second 5th-day; Oblong 4th-day, Branch th, Valley 5th; at Valley 4th, 8th, and 12th mos.

Oswego m. m., 4th after second 5th-day; Oswego 1st mo., Poughkeepsie 2d, &c.; Oswego 4th-day, Apoquague 5th, West Branch 5th, Pleasant Valley 4th, Poughkeepsie 5th.

Stanford Quarterly Meeting, 6th before second 1st-day; at Stanford 2d mo., Creek 5th, Hudson 8th, Chatham 11th. Ministers and Elders day before at 11; except Hudson at 4 o'clock.

Stanford m. m., third 7th-day; Stanford 5th day; Little Nine Partners 4th.

Creek m. m., third 6th-day; at Creek 1st mo., Crum Elbow 2d, &c.; Creek 4th-day, Crum Elbow 5th.

Hudson m. m., 3d after third 1st-day; at Hudson 1st, 2d, 3d, 4th, 11th and 12th mos.; Ghent 5th, 6th, 7th, and 8th; Athens 9th and 10th months; Hudson 5th day, Ghent 4th, Athens 4th: all at 11 o'clock.

Chatham m. m., fourth 5th-day; Chatham 5th-day.

Easton Quarterly Meeting, 4th after third 1st-day in 5th mo., and 4th after second 1st-day in 2d and 11th mos. at Easton; and 4th after fourth 1st-day in 8th mo. at Granville in 1849, and Danby 1850, alternately. Ministers and Elders day before at 2 o'clock.

Easton m m., 5th before third 1st-day; one week later in Q. M. week; Easton 5th-day, White Creek on 1st-day only.

Danby m. m., 5th before second 1st-day; at Granville 4th and 10th mos.; at Danby the others; Danby 5th-day, Granville 4th.

Troy m. m., 4th before second 1st-day, at Pittstown 1st mo.; Troy 2d, &c.; Troy 4th-day, White Creek 4th, Pittstown 5th.

Ferrisburgh m. m., 4th before first 1st-day; Ferrisburgh 5th-day.

Saratoga Quarterly Meeting, 4th before fourth 1st-day; at Saratoga 5th and 11th, and Queensbury 2d and 8th mo., one week earlier 5th month.

Saratoga, m. m., 4th before second 1st-day; Saratoga 4th-day.

Peru, m. m., 5th before last 1st-day; Peru 5th-day.

Queensbury m. m., 5th before second 1st-day; Queensbury 5th-day.

Galway m. m., 5th after first 1st-day; at Greenfield 1st mo.; Galway 2d, and Milton 3d, alternately.

Duanesburg Quarterly Meeting, 5th before third 1st-day; Coeymans in 2d and 5th mos., one week later in 5th, two in 8th mos.; Rensselaerville 8th mo., Duanesburgh 11th mo.

Coeymans m. m., 4th before fourth 5th-day; at Coeyman's 1st mo., New Baltimore 2d, &c.: Coeymans 4th day, New Baltimore 5th-day.

Duanesburgh m. m., 7th after fourth 5th-day; Duanesburgh 5th-day, Charleston 4th.

Albany m. m., 7th-day after Duanesburgh M. M.; Albany 5th-day.

Rensselaerville m. m., fourth 5th-day; Rensselaerville 4th-day Oak Hill 4th.

Shrewsbury and Rahway Quarterly Meeting, 5th before third 1st-day, at Plainfield in 2d and 11th mos., Shrewsbury 5th mo., Rahway 8th mo., at 11 o'clock. Ministers and elders day preceding.

Shrewsbury m. m., first 2d-day at 11 o'clock; Shrewsbury 5th-day, Squan 4th.

Rahway and Plainfield m. m., third 5th-day at Rahway, in 1st mo.; and third 4th-day at Plainfield, in 2d mo., &c.; Rahway 5th day, at 10; Plainfield 4th day, at 11 o'clock.

Hardwich and Randolph, m. m., first 5th-day in 1st and 2d mos., at Hardwich; 3d mo. at Randolph, &c.; Randolph 5th day, Hardwich 4th-day: all at 11 o'clock.

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*Meetings composing Genessee Yearly Meeting.**

Farmington Quarterly Meeting, first 4th-day; at Farmington, 1st month; at Mendon, 4th and 10th month, at Hamburg 7th month. Ministers and Elders day before at 2 P. M.

Farmington m. m., 5th before last 1st-day; at Macedon, 1st 4th 7th and 10th month, at Farmington other months. Farmington, 5th, Macedon 4th, Farmington South 4th.

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* All the meetings begin at 11 o'clock.

Hamburg m. m., last 5th-day; at Collins 2d and 8th mos., Boston 5th and 11th mos., and Hamburg the others. Hamburg 5th-day, Boston 4th, Collins 4th.

Junius m. m., 4th before last 1st-day, at Galen; Galen 5th-day.

Rochester m. m., 6th before last 1st-day. At Mendon in 7th mo., at Rochester in 8th month, and at Wheatland in 9th month, &c.; Mendon 5th, Rochester 4th, Wheatland 5th. Indulged meeting at Lockport on first day.

Scipio Quarterly Meeting, second 4th-day; at Scipio 1st, 4th, and 10th months, and at Deruyter in 7th month.

Scipio m. m., 5th before two last 1st-days; at Union Springs in 2d, 5th, 8th, and 11th months; at Scipio other months. Scipio 5th, North Street 4th, Union Springs, 5th. At Skaneatles no meeting middle of the week, except on week preparative meeting. Victory indulged 1st-days.

Deruyter m. m., last 4th-day. Deruyter 4th.

Verona m. m., 6th after fifth 5th-day, at Constantia; Constantia 4th-day.

Canada Half Year Meeting, 2d after last 1st-day; at West Lake in 5th month, and Yonge Street in 9th month; Ministers and Elders 7th-day preceding: all at 11 o'clock.

Yonge Street m. m., 5th after second 1st day; Yonge Street 1st month, White Church 2d, King 3d month, &c. Yonge Street 5th, White Church 4th, King 4th.

Pickering m. m., 5th after third 1st-day; at Uxbridge in 3d, 7th, and 12th months, at Pickering other months.

West Lake m. m., 4th before third 5th-day; at Green Point in 3d, 8th, and 11th months; at West Lake the other months. West Lake 4th, Green Point 4th.

Pelham Half Year Meeting, second 4th-day in 2d mo. at Pelham; third 4th-day in 8th month at Yarmouth.

Pelham m. m., first 4th-day, alternately at Pelham and Black Creek; Black Creek 1st month, Pelham 2d month, &c. Pelham 4th, Black Creek 5th.

Norwich m. m., second 4th day. Yarmouth 1st mo., Malehide 2d mo., Norwich 3d mo., Lobo 4th month, &c.; Yarmouth, 5th-day, Norwich 5th, Malehide 4th, Lobo 4th.

Battle Creek m. m., (last 4th-day; held only once in 2 mos. alternately at Battle Creek and Adrian.)—At Adrian 1st, 5th, and 9th mos. Battle Creek, 3d, 7th, and 11th months.

OHIO YEARLY MEETING.

Redstone Quarterly Meeting, 2d-day after first 7th-day, in 2d 5th, 8th, and 11th mos.; at Westland.

Westland m. m., 5th before last 1st-day; at Westland 1st mo. Pike Run, 2d, &c. Preparative meetings week before; no other mid-week meetings within the Quarter.

Short Creek Quarterly Meeting, third 7th-day in 2d, 5th, 8th, and 11th mos. Ministers and Elders day before at 3 o'clock.

Short Creek m. m., 5th after third 7th-day; at Harrisville 1st mo., Short Creek 2d, &c.; Harrisville 4th, West Grove 5th, Short Creek 5th-day.

Concord m. m., 4th after third 7th-day; Concord 4th-day.

Smithfield m. m., 2d after third 7th-day; Smithfield 4th-day.

Freeport m. m., fourth 7th-day; Freeport 4th-day.

Salem Quarterly Meeting, 6th-day before second 7th-day; at Columbiana 2d and 8th mos., Beaver Falls 11th, and Salem 5th mo. Ministers and Elders directly after the rise of the general Quarter.

Salem m. m., 5th after third 7th-day; Salem 5th-day.

Middleton m. m., 5th before third 7th-day, at Columbiana; Columbiana 5th-day, Carmel 5th.

Beaver Falls m. m., 3d before third 7th-day, at New Brighton; Beaver Falls 5th-day.

Stillwater Quarterly Meeting,* 4th before fourth 7th-day; 2d and 8th mos. at Plainfield, 5th and 11th mos. at Somerset. Ministers and Elders day before at 3 o'clock.

Stillwater m. m., third 7th-day; Richland 1st mo.; Somerset 2d; Sunbury 3d, alternate, &c.; Somerset 4th, Richland 4th, Sunbury 5th-day.

Plainfield m. m., 5th after second 7th-day; Plainfield 5th-day, Goshen 4th, St. Clairsville 4th.

Deerfield m. m., 4th after first 7th-day; Westland 1st mo.; Deerfield 2d, alternate; Deerfield 4th-day, Westland 5th.

Western Quarterly Meeting, (formerly called New Garden,) 3d day after second 7th-day, alternately 2d and 8th mos. at West and 5th and 11th at Deercreek. Ministers and Elders day before at 3 o'clock.

West m. m., 6th-day after the third 7th-day; West 5th-day, Copesrun 4th day.

Deercreek m. m., fourth 7th-day; Deercreek 4th-day.

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* The 8th mo. Quarter on 5th-day before the Yearly Meeting, when held at Mt. Pleasant.

INDIANA YEARLY MEETING.*

Miami Quarterly Meeting, second 7th-day in 2d, 5th, 8th, and 11th mos. at Waynesville.

Miami m. m., 4th before last 1st-day; Miami 4th-day; Grove 4th-day, Hopewell 5th.

Springboro m. m. 5th before last 1st-day; Springboro 5th-day.

Cincinnati m. m. 5th-day before third 7th-day; Cincinnati 5th-day.

Centre m. m. 5th after second 7th-day; Centre 5th-day; Fall Creek 5th-day.

Green Plain m. m. 4th after second 7th-day; Green Plain 4th-day Oakland indulged 5th-day.

Alum Creek m. m. 5th after third 7th-day; Whetstone 4th-day.

White Water Quarterly Meeting, first 7th-day; at Dublin 3d and 9th mos., Richmond 6th and 12 mos.

White Water m. m. fourth 4th-day; White Water 4th-day, Camden 5th.

Milford m. m., third 5th day, at Milford 1st mo; Bethel 2d mo; &c.; Milford 5th-day, Bethel 5th.

Fall Creek m. m., second 5th-day, at Duck Creek 1st mo., Fall Creek 2nd, &c.; Fall Creek 5th-day, Duck Creek 5th-day.

Westfield m. m., last 4th-day; Westfield 4th-day.

Maple Grove m. m., ———— 5th-day; Maple Grove 5th-day, Rush Creek 5th.

Blue River Quarterly Meeting, fourth 7th-day in 2d, 5th, 9th, and 11th mos.; 2d and 9th mos. at Blue River, 5th mo. at Honey Creek, and 11th mo. at Clear Creek, Putnam County, Illinois; In the 9th mo. the Q. M. is held on the 7th day next preceding the two last first-days in that month.

Blue River m. m., first 7th-day; Blue River 5th-day; Highlands Creek 4th-day.

Honey Creek m. m., second 7th-day; Honey Creek 4th-day.

Clear Creek m. m., first 5th-day. Clear Creek 5th-day.

BALTIMORE YEARLY MEETING.

Baltimore Quarterly Meeting, held the second 2d-day; at Baltimore 3d, Sandy Spring 6th, Gunpowder 9th, and Little Falls 12th mo.: at 10 o'clock.

Baltimore m. m., Lombard Street, 5th after first 2d-day; Western

* This list of the meetings of Indiana Y. M., was revised in the 8th mo., 1857, by the assistant clerk of the Y. M., and may be relied on as correct as it can well be made.

Distriet 4th-day, Eastern Distriet 5th: both at 10 o'clock Elk Ridge 4th-day, at 11 o'clock.

Sandy Spring m. m., 4th after first 2d-day, at 11 o'clock.

Little Falls m. m., 3d after first 2d-day; Little Falls 5th-day, Forrest 4th: all at 10 s., 11 w.

Gunpowder m. m., 4th after first 2d-day; Gunpowder 4th-day.

Nottingham Quarterly Meeting, 6th after third 2d-day, at 11 o'clock; Little Britain 2d and 11th mos., Deer Creek 5th mo., East Nottingham 8th mo.

Nottingham m. m., 6th after second 2d-day; Nottingham 1st mo., East Nottingham 2d mo., &c. East Nottingham 5th-day, West Nottingham 4th, Octoraro 5th; Little Elk 4th-day; all at 11 o'clock.

Little Britain m. m. 7th after second 2d-day, at 11 o'clock; at Eastland 6th, 8th, and 10th mos.; Drumore 5th, 7th and 9th mos.; Little Britain others; Little Britain 5th-day, Eastland 4th, Drumore 4th.

Deer Creek m. m. 5th after second 2d-day; at Deer Creek 1st mo.; Broad Creek 2d mo.; Fawn 3d mo., &c. in rotation; all at 11 o'clock; Deer Creek 5th-day, Broad Creek 4th-day 10 s. 11 w.; and Fawn 4th-day at 11 o'clock.

Warrington Quarterly Meeting, fourth 2d-day, at 10 o'clock in the 5th and 8th mos., at 11 in the 2d and 11th mos.; at Monallen 2d and 8th mos.; Pipe Creek 5th and 11th mos. Ministers and Elders 7th-day preceding, at 2 o'clock.

Pipe Creek m. m., 7th before third 2d-day; at Pipe Creek 1st mo., Bush Creek 2d mo., &c.; Bush Creek 5th-day, Pipe Creek 4th: all at 10 s., 11 w.

Monallen m. m., 4th and 5th-days before fourth 2d-day; at Monallen 1st mo. on 4th-day; Huntington 2d mo. on 5th-day; Monallen 4th-day, Huntington 5th: all at 10 s., 11 w.

Warrington m. m., 4th and 5th-days before fourth 2d-day; at Warrington 1st mo. on 5th-day; Newberry 2d mo. on 4th-day, &c.; Warrington 5th-day, Newberry 4th: all at 11 o'clock. York 5th-day, indulged.

Centre Quarterly Meeting, third 2d-day in 2d mo. at Bald Eagle, and 11th mo. at West Branch; and first 2d day in 6th mo. at Dunning's Creek, and 9th mo. at Centre.

Dunning's Creek m. m., first 4th-day after second 2d-day; Dunning's Creek 4th-day: both at 11 o'clock.

Centre m. m., 5th-day after first 2d-day; Centre 5th-day, Bald Eagle 4th: all at 11 o'clock.

West Branch m. m., 5th before first 2d-day; West Braneh 5th-day: both at 11 o'clock.

Fairfax Quarterly Meeting, third 2d-day; Fairfax 2d mo.; Hopewell 5th mo.; Goose Creek 8th mo.; Alexandria 11th mo Ministers and Elders 7th-day preceding.

Hopewell m. m., 5th after first 2d-day; Hopewell 5th-day, Winchester 4th, Ridge 4th: all at 11 o'clock.

Fairfax m. m., 4th after second 2d-day; Fairfax 4th-day at 11 o'clock.

Goose Creek m. m., 5th after second 2d-day; Goose Creek 5th-day, at 11 o'clock.

Alexandria m. m., 5th after third 2d-day; Alexandria 5th-day Washington* 4th: all at 11 o'clock; Woodlawn 4th, at 10.

Prairie Grove m. m. (Henry co., Iowa,), last 7th-day; Prairie Grove 5th-day: both at 11 o'clock.

☞ The Clerks of the various Yearly, Quarterly, and Monthly Meetings would confer a favou. by transmitting any alterations in the time or places of holding meetings within their limits, to Uriah Hunt & Son, 62 N. Fourth St., Philadelphia.

The following table, giving the distance and direction of the different meetings,(belonging to Indiana, Y. M.) from Richmond, was furnished by Robert Hatton of that place

In Ohio.			In Indiana.		
	Miles.	Course.		Miles.	Course.
Miami	52	S. of E.	Milford	16	S. of W.
Springboro	44	S. of E.	Bethel	18	West.
Cincinnati	60	S. S. E.	Fall Creek	60	N. of W.
Centre	67	S. of E.	Duck Creek	36	N. of W.
Green Plain	68	East	Maple Grove	110	North.
Alum Creek	100	N. of E.	Rush Creek	90	North.
Westfield	16	E. of S.	Blue River	120	S. W.
			Honey Creek	150	S. of W.

In Illinois.

Clear Creek ..... 250 Miles West.

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* There is no mid-week meeting at Washington week of monthly meeting—at 3 o'clock P. M. 1st, 2d, 3d, 10th, 11th, and 12th mos.; at 4 o'clock other months.

NOTE.

The time of holding the Preparative Meeting of Ministers and Elders constituting the Western Quarter, to be in the week preceding the Quarterly Meeting, viz.,

On 2d-day at Doe Run, 1st and 7th mos.; Fallowfield, 4th and 10th mos.

On 3d-day at Oxford, 1st and 7th mos.; Penn's Grove, 4th and 10th mos.

On 4th-day at New Garden, 1st, 4th, 7th, and 10th mos.

On 5th-day at London Grove, 1st, 4th, 7th, and 10th mos.

On 6th day at Kennet Square. 1st, 4th, 7th, and 10th mos.

On 7th day at Hockessin, 1st and 7th mos.; Centre, 4th and 10th mos., all at 11 o'clock.

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